# Unior Ollege ournal

THIRTY-EIGHTH ANNUAL CONVENTION

March 6-8, 1958 : The Pantlind : Grand Rapids, Michigan

AMERICAN ASSOCIATION OF JUNIOR COLLEGES

# JUNIOR COLLEGE JOURNAL

OFFICIAL ORGAN OF THE AMERICAN ASSOCIATION OF JUNIOR COLLEGES

The American Association of Junior Colleges will make available to libraries the present and future volumes of the Junior Colleges Journal in microfilm form. Inquires should be directed to University Microfilm, 313 North First Street, Ann Arber, Michigan.

VOLUME XXVIII		JANU	JARY,	1958	8			a		1	MUM	BER
THE EXPANDING ROLE OF	THE JUN	IOR (	Colle	GE				C. (	C. (	Colv	ert	245
THE COMMUNITY COLLEG	se's News	EST C	BLIGA	TION				John	В.	Barr	nes	247
On the Matter of the	"Unhist	ORICA	L" Q	UEST	ION		Mo	rris S	Sch	onba	ich	251
THE MILITARY JUNIOR CO	OLLEGE							E. 1	w.	Tuck	ker	254
Public Relations Through	исн Мот	on P	CTUR	ES		•	T.	Elton	F	orem	an	256
THE COMMUNITY SURVEY COLLEGE		1000000		-		4	ludr	ey G	. M	(ene	fee	259
A Study of Junior Colli United States .											ter	262
THE ENGLISH DILEMMA								Ru	th	Smo	ck	269
RECENT WRITINGS JUDGING THE NEW B	OOKS											271
Junior College Directo	RY, 1958											277

JUNION COLLEGE JOURNAL is published monthly from September to May, inclusive, Subscription: \$4.00 a year, 50 cents a copy, Group subscriptions, to faculty of institutions which are zembere of the American Association of Junion Colleges: \$2.00 a year Communications regarding editorial matters should be addressed to James W. Reynolds, College of Education, The University of Texas, F.O. Box 1993. Austin 12, Texas. Correspondence regarding advertisements and subscriptions should be addressed to Jesses B. Bogue, executive secretary of the American Association of Junior Colleges, 1785 Massachusetts Avenue, N.W., Washington 6, D.C. Entered as second-class matter November 22, 1928, at the Post Office at Washington, D.C., under the Act of March 3, 1879, Additional entry at Austin, Texas, August 20, 1949.



#### **ECONOMICS: An Introductory Analysis**

By PAUL A. SAMUELSON, Massachusetts Institute of Technology. New Fourth Edition. Ready in March

A new revised edition of one of the most outstanding texts for beginning courses in economics. In a completely new design and 2-color format, it now places greater emphasis on inflation and monetary policy, and on the microeconomics of pricing. An important new chapter on the economics of atomic energy and automation has been added. The book concentrates on the big and vital problems of inflation and depression; family and national income; prices, wages, and profits; and conditions leading to rapid economic progress and security.

#### **ELEMENTS OF AMERICAN GOVERNMENT**

By JOHN H. FERGUSON, The Pennsylvania State University; and DEAN E. McHENRY, University of California, Los Angeles. McGraw-Hill Series in Political Science. New Third Edition. Ready in March

A completely reorganized and rewritten edition, presenting a comparatively brief and elementary review of national, state, and local governments. Simpler terminology has been substituted for complicated materials. New materials have been added on such subjects as: the 1956 presidential election; civil liberties; Supreme Court decisions; foreign policy; federal-state relations; recent Congressional acts; the U.N.; and government expenses and taxes.

#### **PSYCHOLOGY: Understanding Human Behavior**

By AARON Q. SARTAIN, ALVIN J. NORTH, JACK R. STRANGE, and HAROLD M. CHAPMAN, all at Southern Methodist University. Ready in March

A brief, introductory text that emphasizes human behavior and personality combining the elements of personality adjustment with the fundamental ideas of a course in general psychology. It includes a treatment of the self; social roles, attitudes, and beliefs; and culture and personality . . . written simply and in the student's own language. The chief aims are to present psychology as a science and to discuss problems of special interest to college students.

#### **BUSINESS MANAGEMENT**

By LYMAN A. KEITH and CARLO E. GUBELLINI, both of Northeastern University. 463 pages, \$6.50

An ideal Junior College management text providing an introduction to the broad program of business firm development. It describes the evolution of a business enterprise with the product or service as the central theme, and shows the successive stages of a firm's development. The many functional areas of business activity are presented in a logical and orderly sequence that is readily understandable.



Send for copies on approval

McGRAW HILL BOOK COMPANY, INC.
330 WEST 42nd STREET, NEW YORK 36, N. Y.

# Selected NEW Textbooks from THE RONALD PRESS COMPANY

# **Introductory Sociology**

PAUL H. LANDIS, State College of Washington

March 14. This important basic textbook is a concise discussion of culture, society, social structure, the individual as a social being, the processes of social control, and social institutions. Coverage is of a wider range than in most textbooks: the extensive treatment of social structure is unique in the field, and unusually comprehensive discussions of the fac-

tors of religion, sex, age, occupational statuses, and racial segregation are presented. The case material is brief and well integrated with the text. Many illustrations provide important data and point up basic sociological principles. The book contains end-of-chapter reading lists, discussion and review questions, film lists. 158 ills., tables; 800 pp.

## **An Introduction to American Education**

JOHN T. WAHLQUIST and PATRICK J. RYAN, both San Jose State College

January 31. 2nd Edition. A thorough revision of a popular basic education textbook which presents an integrated treatment of education, with the teacher serving as the focus of this integration. Thoroughly documented, this book offers the best factual survey of the teaching profession available. Materials duplicated in other, more specialized courses have been avoided as much as possible. Reference materials are utilized

functionally in the footnotes where student and instructor can follow through on a problem basis. Emphasizing guidance and orientation of prospective teachers throughout, the authors provide a judicious mixture of fact and underlying philosophy toward ever-improving educational conditions. Each chapter has a list of study aids, helpful in making assignments. 145 ills., tables; 445 pp.

# The Language of Art

PHILIP C. BEAM, Bowdoin College

February 15. The first introductory textbook in art appreciation and history to give a balanced presentation of the several approaches to the visual arts previously found only in separate volumes. The nature, methods, and history of all the visual arts are treated in terms of the broad principles that underlie and are discernible in every valid work of art. Book points out fundamental styles and

trends which can be used to illuminate new artistic experiences. Hundreds of photographs of masterpieces from all periods are presented in juxtaposition to illustrate similarities and differences of principle. Historical factors are treated as one of the chief subdivisions in the text and an extensive outline of the history of world art is included as an appendix. 468 ills., 934 pp.

THE RONALD PRESS COMPANY

# Hier et Aujourd'hui

#### **Premieres Lectures Litteraires**

Selected and Edited by Germaine Brée, New York University;
Anne Prioleau Jones, Lawrence College

February 2. A reader designed for use in the latter part of the first or the beginning of the second year of college French. The sixteen selections are representative of French literature from the Middle Ages to the present, reflecting the flavor of the language as it has been written by

notable stylists. None of the texts are simplified, although two medieval poems are presented in modern French versions. Book includes basic biographical and critical information, explanations of exceptional language uses, and exercises and questions, 193 pp.

# **A Brief History of Physical Education**

Emmett A. Rice, Normal College of the American Gymnastic Union; John L. Hutchinson, Columbia University; and Mabel Lee, Emeritus, University of Nebraska

January 31. 4th Edition. A classic textbook now completely revised and up to date. This concise history gives a broad view of the position physical education has occupied through the ages in civilized society. Discusses political, social, and religious conditions which determine the character

of a society; theories and methods of past leaders; the relationship which physical education has borne to general education. Detailed information on the history of physical education in the U.S. gives a sound basis for judging future trends. 21 ills., tables; 405 pp.

## **Active Games and Contests**

RICHARD J. DONNELLY, University of Minnesota; WILLIAM G. HELMS, University of Michigan; and Elmer D. Mitchell, University of Michigan

February. 2nd Edition. Now completely rewritten, this widely used textbook is the most comprehensive book of games and contests on today's market. Invaluable as a basis for game leadership, book acquaints

the user with all types of play activities; offers over 2,000 selections adaptable to almost any occasion. Includes both traditional and new, original activities. Materials are classified systematically for ready location. 91 ills., tables; 630 pp.

# **Modern Management**

W. V. OWEN, Purdue University

January 2. An introductory textbook that presents a broad discussion of the nature and functions of management. Using a four-fold general analysis, it deals with the nature of management, the way management operates to accomplish its functions,

management's interrelationships with society, and the problems of policymaking. Management values and problems are stressed rather than details on specific techniques, Chapters contain problems and references to further reading. Illus., 390 pp.

15 East 26th Street, New York 10-

# New and "very, very good"

say advance readers of the positive approach in this basic guide to "writing good sentences, paragraphs, and themes." Here are methods that have made real and lasting improvement in the quality of both below- and above-average student's writing (March)

By

#### **Hulon Willis & Lowell Dabbs**

of Bakersfield College

A simple, clear guide on how to get the most out of that wonderland of information—any one of the 3 major college dictionaries. 35e

By

#### Richard C. Braddock

of the State Univ. of Iowa

# MODERN ENGLISH PRACTICE

THE UNIVERISITY
SELF-TEACHING
DICTIONARY GUIDE

<sup>from</sup> Kinehart

Publishers of:

RINEHART EDITIONS—96 volumes of great literature in the paper-backs preferred by teachers in over 1,000 colleges.

RINEHART ENGLISH PAMPHLETS—for teaching and student aid on many special aspects of written and spoken English.

New

Very practical, up-to-date and complete, with emphasis on the means, so important today, of planning for retirement and for the family's future. \$6.75

By

Joseph F. Bradley & Ralph H. Wherry

of the Penn. State University

PERSONAL & FAMILY FINANCE

Rinehart

Publishers of:

The JOHNSON series of accounting texts, MONEY & BANKING by KENT, and many other nationally used texts on business, finance, and economics.

New

#### Latest additions to the

China's Cultural Heritage: What & Whither?
by Derk Bodde, \$1.25
Soviet Economic Progress: Because of or In Spite of the

Government? by Ellsworth Raymond 75c
Napoleon: Was He the Heir of the Revolution?
by David Dowd 75c

SOURCE PROBLEMS
IN WORLD
CIVILIZATION

7 titles now available

Rinehart

Publishers of:

The EASTON & BRACE volumes on world civilization: "The Heritage of the Past" and "The Making of the Modern World"—called "among the truly outstanding books in this field in this decade."

for examination copies write to Rinehart & Company, 232 Madison Ave., New York 16, N.Y.

# JUNIOR COLLEGE JOURNAL

VOLUME XXVIII

JANUARY, 1958

NUMBER 5

# The Expanding Role of the Junior College

C. C. COLVERT

JUNIOR COLLEGES are in an expanding role in the field of education and other community services. During the past 60 years junior colleges have been chiefly concerned with problems of promotion and the achievement of respectability, and much success has accompanied these efforts. The junior college movement has developed in all sections of the country; however, some areas still need junior colleges. The academic quality of work of students in junior colleges is unquestioned, and these institutions are now well accepted. To implement this expanding role and push it into the future, junior colleges must now shift their major emphases to areas other than those of promotion and respectability.

Board members, administrators, faculty members, and communities must take a critical look at just what the junior colleges should do now and in the future which is different from what they have been doing. This new focus will include better program planning to meet student needs, carefully planned plant expansion, larger junior college districts, better financing, and a more effective guidance program. A brief look at these suggested areas will suffice to highlight the innovations junior colleges must consider.

Program Planning and Students. There

must be a radically different approach to the curriculum and community services offered by the junior colleges. Larger enrollments will create the need for greater heterogeneity of curricular offerings in both the day and evening programs. Careful but positive and effective planning by all the forces involved (the board, administrators, faculty, the community) will be necessary to develop the diverse curriculums needed. Administrators and faculty will have to initiate the action toward using this process of cooperative planning. Such a process must not be merely discussed (as frequently has been done in the past) but must be expedited. Group cooperative program planning should include general education, preprofessional-cultural college parallel curriculums, terminal-vocational curriculums, terminal-technical curriculums, and adult education evening school, short courses and multitudinous community services.

Plant. The above-mentioned groupplanned curriculums will determine the type of plant and facilities needed to implement them. Too many junior college plants follow the high school pattern of placing all academic facilities under one roof. Rather, the junior college must break away from this tradition and plan a campus of multiple buildings. Such a plan is more collegiate and better adapted to a future program of expansion. Larger campus sites than those usually chosen in the past must be selected to accommodate the expanding role of the junior college. Few, if any, colleges have a campus which is too large.

Larger Districts. Just as the high school usually serves a single elementary school, a junior college should serve a larger area than the high school. The traditional small junior college district should be abandoned in favor of one large enough to include the area from which the junior college naturally draws its students. Many present junior college districts should be enlarged and proposed new junior college districts designed large enough to include the students in the area to be served as well as the taxable property which will support the students in the college. Much dynamic leadership and thinking through group community or area action will be necessary.

Finance. A larger district will, of course, include the assessed valuation or wealth which will support the education of students from the same area. Too many districts are so small that the income from

the tax levy on such assessed valuation is too meager to finance adequately the larger number of students drawn from the larger area. Such a situation places an unfair tax burden on the small district. With more plant needed for more students all of the assessed valuation in the area from which a majority of the students come must support the junior college; hence, the larger district must become the usual one.

Guidance. As junior colleges in their expanding role increase in enrollment and develop more varied curriculums in larger districts, well-planned guidance programs will be necessary. Not only will students have to be guided into certain curriculums, but also they will have to be guided away from certain curriculums. The junior college is the people's college and, therefore, must serve all the people. Such a purpose necessitates a guidance program. Administrators, boards, and faculties will have to break away from the all too common practice today of weak and ineffective guidance programs.

These newer concepts must become the usual concepts to accomplish the expanding role of the junior college.

# The Community College's Newest Obligation

JOHN B. BARNES

THE INCREASING significance of the community college in American higher education is largely due to the nature and purpose of the community college institution. It is dedicated to serving its primary geographical area—the community. The public acceptance the community college enjoys today speaks lessons to elementary and high schools that shudder at the thought of expressing need for increased teacher's salaries, or in fear of failure, prolong the pain of bond issues. This acceptance likewise reminds senior colleges and universities of the deeper meaning of "public relations."

#### Six Characteristics of a Community College

The respect tendered the community college today is usually seen in direct ratio to the dergee of educational service it renders its community. Most community colleges are composites of educational opportunities.

There are essentially six characteristics of a community college. First, its educational opportunities are available to all individuals. It is non-selective with regard to race, religion, occupation, educational background. These educational offerings are often in the form of classes,

but increasingly one sees "informal education" as a means of serving individuals and groups. Second, like the lower divisions of public education, the community college is in harmony with the tradition of local control and civic responsibility. Third, its educational opportunities are either free or financially available to a large section of the people. Fourth, the community college's main center is generally geographically accessible to its citizens. Evening programs, noon classes, on-the-job training programs are evidences that the community colleges's life is turned to the people it serves. Fifth, its educational programs range from "short courses" to two-year, professional, undergraduate curriculums, Sixth, its offerings are as variable as the needs of its community dictate. Usually these include: (a) terminal education2 (b) adult education<sup>8</sup> (c) preprofessional (d) student per-

<sup>&</sup>lt;sup>1</sup> Arthur B. Moehlman, Social Interpretation (New York: Appleton-Century-Crofts, Inc., 1938).

<sup>&</sup>lt;sup>2</sup> Phebe Ward, *Terminal Education in the Junior College* (New York: Harper and Brothers, 1947), p. 25.

<sup>&</sup>lt;sup>3</sup> Reusser defined adult education as "organized learning experiences for adults who are not in a regular day-time school situation, who participate voluntarily, and who have expressed needs. These organized learning experiences may be of three types: (1) directed self-study, (2) directed group activity, and (3) directed participation in community activities."

JOHN B. BARNES is Assistant Director,
Department of Community Development,
Southern Illinois University, Carbondale,
Illinois.

sonnel<sup>4</sup> (e) community service and development.

All but the last of these educational offerings has been explored fully in the literature. The community development function of the community college remains in a formative stage; yet probably no educational institution has a greater concern for, and obligation to, its community and area than the community college. The economically strong community, the healthy and mature community, nourishes potent citizens, creates stable institutions, and produces a human climate favorable to total community progress. The community college's role in building a better physical and human setting is worthy of fresh consideration.

What is Community Development?

Without thoughtful definition, community development resembles Wyoming's Powder River, which reportedly flows uphill and is an inch deep and a mile wide. Yet, defining is not easy because there are few mediums of professional interchange; there is no single professional subject area in community development, and community development is viewed with quiet hostility in some circles as an "encroachment" on "our field." All college off-campus services are certainly not community development; they are not intended to be, though some of them resemble it. Resemblance shows

kinship but not identity; the part is not the whole. In lieu of pat definition, listed below are six of the characteristics inherent in community development.

First, self-motivation and initiation. Community development is a process of self-development and small group development in which local people initiate the idea for community study and improvement and share in the preparation and ultimate unfolding of their plan. In this sense, community development places individual and group interests in appropriate balance, relating each to the total community framework. Second, the problem solving process. The community development process starts with local self-study and analysis, accumulates facts, makes provision for objective discussion at both formal and informal levels, creates an atmosphere of decision making, and stresses the need for self-evaluation. Third, an educational anvil. Community development is based on the stubborn belief that all human problems are solvable on an educational anvil-not by propaganda or promotion, bargaining or bantering. It practices the belief that community problems are best approached in the open air of objectivity and the illuminating light of discussion; they are not solved in the stultifying shadows where half-lights distort truth. Fourth, the total community approach. All aspects of the community's total development are dealt with simultaneously. A complete examination is the requisite to diagnosis; community improvement is wrought by comprehensive treatment, not by the erratic application of sympathetic mercurochrome to "trouble spots." No symptom is simple nor isolated. Fifth, the action test. Community development declares

<sup>4</sup> Student personnel comprises the following: (1) services, such as pre-college counseling, admissions, and orientation, (2) student recruitment, (3) registration and records services, (4) diagnostic and counseling services, including remedial work, (5) housing and cafeteria services, (6) student activities, (7) student health services, (8) student aids, such as employment, loan services, scholarships, and placement, and (9) student follow-up.

that ultimately individual maturity and total community evolvement take place at the action level, not the verbal level. Inherent and interlaced as these two levels are, progression to action is the aim. This is not to imply that mental gymnastics, short of community action, do not genuinely contribute to one's individual maturity. Discussion and action, like theory and practice, are neither alternative or antithetical; they are complementary phases of the community development process. The tune is flat when played solely on one end of the scale. Sixth, the catalyst consultant. The general community consultant is a catalyst and guide.5 He is inclined, oriented, and trained toward working primarily with individuals and small groups; his practicing philosophy is democratic leadership. Flannelmouthed manipulators are not his kind; subject matter specialists are like cousins. The former are a hazard to be forever feared: the latter are valuable resources to be adroitly employed as facts and insights regarding specific community problems needed. The community consultant, cognizant of the breadth and depth of "community," is an expert-in the utilization of resources. His elastic mind thus does not need a rubber tongue.

#### The Community College:

A Force for Community Development The community college is uniquely adapted to help solve community problems. First of all, most community colleges have an area awareness and identification. They were created by citizens in a certain area primarily to meet existing

and anticipated educational needs. The institution becomes a natural product of its environment; it never forgets its areasetting. Second, the faculty is generally a small, cohesive group. This enables a certain fellowship of purpose to evolve. Typically there are few "specialists," researchers, etc. in the group. Third, the student body is drawn largely from the college's primary area. Many students keep home identity as commuters. Large portions are married and employed young people, with greater community ties than one observes on a university campus. Fourth, many students of the community college remain in their home-college environment after graduation. The roots of community concern are thereby continually strengthened through the years. Fifth, often the community college's financial structure is localized. Its income is derived largely from its local community or primary area, as in the case of a college with a county-wide tax base. Sixth, the community college's growth is directly dependent upon public awareness and appreciation of (a) its present services and (b) its future needs. Seventh, the community college is less traditional and role-encrusted than many institutions of higher education. This enables it to be adaptive, flexible to changing needs.

The evident compatibility of the community development concept and the community college institution should not lead to group optimism. The truth is many community colleges are not presently rendering the dynamic educational leadership for community improvement that such analysis indicates is possible. Why?

Probably the most frequent cause is a misconception about community develop-

<sup>&</sup>lt;sup>5</sup> Albert Orcutt, The Role of the University Consultant in Community Development (New York: Columbia University, 1956).

ment. It is assumed that when certain "services" are rendered to the college's area one automatically has "community development." Not so! Community development is not pulled into place by the magnet of good intentions. Dozens of excellent services provided to the college's community can become isolated and unrelated to the total community's improvement. A logical coordination of these different services is a first step to community development. There are no miraculous conceptions.

Secondly, the nature of community development indicates that its administration should not be solely the responsibility of any one academic department. Community development work, when properly coordinated, is found in many departments—sociology, education, communication, psychology, adult education, government, health, etc.

The community development work of the community college needs a separate department structure which permits a close liaison with all educational units of the college, and which does not impinge on the need to employ broad talents, skills and knowledges.

Finally, the coordination of existing community colleges' resources and the addition of needed services in community development requires a budget!—This budget should never be the "special-approportion" type nor the result of charges for services rendered. Either budget approach reflects the view that community development is a fringe activity—not worthy of orthodox treatment. Either casts shadows on its purpose, even its integrity.

The community college which constructively builds the community in its area is helping to cultivate and revitalize its setting. The results are gratifying to behold because they are derived by all whose hands shared in the process—college and community alike are better for having known each other.

## On the Matter of the "Unhistorical" Question

#### MORRIS SCHONBACH

OF THE MANY problems which occur in the teaching of history courses that of the "unhistorical" question can be among the most disturbing. The experience of the writer, pooled with that of many acquaintances in the field, indicates that such queries occur with some frequency on all levels, perhaps most often in junior college. Further, it appears that instructors react to this particular situation in different ways.

For present purposes an "unhistorical" question is defined as one which has very little or no bearing on matters of cause and effect, historical relationships, motivations, trends and analysis. Such a question, divorced from the line of thought which the instructor is emphasizing, can be unsettling though well meant. A few examples will illustrate this: After a long and careful exposition of the difference in the attitudes of Herbert Hoover and Franklin D. Roosevelt toward the Great Depression, and after pointing out Hoover's belief that private relief agencies such as the Red Cross should undertake a major part of the burden, consistent with his dedication to laissez-faire individualism, the question is asked, "Is the basis of Roosevelt's disagreement tied up with the administration expenses of the

Red Cross?" Again, after having commented that the position of vice-president of the United States has been historically of far less importance than that of the president, the comment is offered that this must be because the salary is so much smaller, and what is it, anyway? Another example occurred during a presentation of the canal-building of the 1820's and its effects. The writer was momentarily stunned when asked how deep the water was in the Erie Canal. The list is a long one, and, in a sense, a discouraging one. Many instructors who can and do explain with competence and understanding the role played by Benedict Arnold in the American Revolution are likely not to know the exact location and meaning of a statue erected in the memory of Arnold which shows only a crumpled boot.

The reaction of many instructors, especially those who are fresh from the graduate school, is inclined to be a preemptory one. In the seminar room, not only in the field of history but in any discipline, irrelevant questions and comments are sometimes dismissed curtly and often with a rebuke by instructors; what is wanted is something which pierces to the roots of the matter at hand. In upper division and graduate work, one quickly becomes accustomed to arranging facts insofar as possible into meaningful patterns and to thinking in terms of patterns. In teaching, however, many questions are

MORRIS SCHONBACH is Instructor in History, Pierce Junior College, Woodland Hills, California.

asked which are completely unrelated to the points being made. The sheer unhistoricity of some questions is amazing. Some instructors completely ignore them and go right on. Others tell the students that their questions are beside the point and meaningless. And some have been known to reply on occasion, "What difference does it make?" or "Who cares?" The answer, even if known, would be a waste of valuable time. True enough, probably, but one cannot help wondering if this is the best possible method for handling this problem.

It seems to this writer that it is not for several reasons. For one thing, the attitude may be unduly harsh, even granting the lack of intelligence displayed so often in this sort of question. By seeming to be too much of a squelch, it may have a stifling effect on those sensitive students who are apprehensive lest they be made the objects of scorn. It may well be that beyond the high school level such individuals comprise a surprisingly large group which does not really deserve such treatment. If taken amiss, a sharp retort may prevent some excellent and deepprobing questions from being raised by the class, which in itself would be a critical blow. It is possible that after several instances of this type of reply, the class may develop the feeling that the instructor does not know the answer (which may well be true) and is being evasive at their expense, all of which may have most deleterious effects.

A more constructive approach lies in attempting to answer the question quickly and concisely, pointing out at the same time, if one wishes to do so, that the answer does not add significantly to historical knowledge. Very little time is lost and no harm done. In some cases, it may be effective teaching to have the student find the answer to his own inquiry, and perhaps report his findings to the class. But even if time does not permit this latter technique, it usually requires only a few seconds to satisfy the student's curiosity. The root of the difficulty lies, apparently, in the fact that many people simply do not seem to be able to think in terms of abstractions, of concepts, regardless of the sincerity of their efforts. Quite possibly there is a correlation here with low intelligence quotients, but in the junior college one is bound to have many such students in class. The difficulty may manifest itself in the inability to understand beyond immediate personal experience: the parttime laborer, for example, who cannot understand the rapid development of labor unions since he knows the officers of his own local to be both inept and corrupt; or the Korean War veteran who slights all text accounts of World War II because his sergeant served under MacArthur and told him a different story. It is quite possible that such people are doing the best work they can; respectful attention may constitute a small amount of recognition which is important to them. While this method will not help them to solve the mysteries of conceptual thinking or abstract reasoning, it may prevent their complete estrangement from the course. And, in spite of the dangers involved in guessing, there is much to be said on its behalf. As Dexter Perkins stated recently in his presidential address before the American Historical Association:1

<sup>&</sup>lt;sup>1</sup> American Historical Review, LXII, No. 2 (January, 1957), p. 294.

A good teacher is an example of a man thinking, and somehow or other the example of a man thinking may, by the grace of God, communicate itself to some of those around him." The opportunity which is afforded to demonstrate logical historical reasoning is surely of sufficient value to outweigh the possibility of occasional error.

Here it may be in point to mention some prominent sources for those bits of information which are generally, and for valid reasons, neglected in most text accounts and scholarly monographs. Travel and experience are helpful, of course. The instructor's own common sense will provide many answers, even though he may not be able in every case to document his statements instantaneously. Classic multi-volume histories by such authors as McMaster and Channing, for example, are very rich in factual information. There is also a sizable and growing number of books which are worthwhile additions to any school library: Roger Butterfield's The American Past (New York: Simon & Schuster, 1947): Nelson Blake's social history, A Short History of American Life (New York: Mc-Graw-Hill Book Co., 1952); Mitchell

Wilson's American Science and Invention (New York, Simon & Schuster, 1954); Douglas Gorsline's What People Wore (New York, Viking Press, 1952); Fletcher Pratt's The Civil War in Pictures (New York, Henry Holt and Co., 1955); John and Alice Durant's Pictorial History of the American Presidents (New York, Barnes, 1955); Emerson Brooks' The Growth of a Nation (New York, E. P. Dutton and Co., 1956); Lucius Beebe's and Charles Clegg's The American West (New York, E. P. Dutton, and Co., 1955); Theodore Roscoe's and Fred Freeman's A Picture History of the U. S. Navy (New York, Chas. Scribner & Sons, 1956): and Dee Brown's and Martin Schmitt's Trail-Driving Days (New York, Chas. Scribner & Sons, 1952). These books are well written, with accurate and concise commentaries and provide good supplementary material. They can be perused very swiftly if necessary. Instructors will also find that these works provide a sizable reservoir of factual knowledge which is not only highly interesting but which can often be put to valuable classroom use.

# The Military Junior College

E. W. TUCKER

ACCORDING TO THE last directory of junior colleges there are twelve institutions listed as well-established departments of essentially military schools with an enrollment varied from 90 to 200. Ten of the twelve military institutions are members of the Association of Military Colleges and Schools of the United States and offer advanced R.O.T.C. to those qualified.

The purpose of these institutions is to provide the first two years of college education above and beyond the secondary school level in an atmosphere of close and careful personal attention to individual problems, while at the same time extending the added advantages of physical and military training. A majority of these military junior colleges organize the students as a distinctly separate unit, with living quarters, classrooms, and offices in a junior college division. They offer liberal arts, pre-engineering, pre-law, premedicine, pre-business administration, and a few give special attention to students seeking admission to the service academies-West Point, Annapolis, and U.S.A.F. academy.

Graduation requirements are basically a minimum of 60 semester hours in the academic courses plus military science and tactics. Graduates are awarded the Associate in Arts degree, with a few institutions extending the degree to business administration. A large percentage of the junior college students expect to apply for transfer to a four-year college after graduation. The military junior colleges are accredited by their regional as well as state agencies, which means that their courses are acceptable to any four-year colleges and full credit is given for them to transfers, provided the graduate is recommended for transfer and accepted by the college or university.

This particular group of schools gives careful guidance to the students throughout the course of study. There is constant close personal contact between the cadet and his instructors; thus opportunity is afforded for more extra help and advice than would be practicable in larger institutions. Stress is put upon the teaching of how to study. The educational "extras" usually found in the good secondary independent school are combined in these junior college divisions.

During World War II thousands of graduates from these junior colleges received commissions in the armed forces and served with distinction throughout the world. Surveys show that these schools serve a most useful purpose, effecting easier transition from school to college, and at the same time instilling a sense of duty, responsibility, orderliness, and

COL. E. W. TUCKER is Executive Officer of Kemper Military School, Boonville, Missouri. He has been identified with Kemper Military School continuously since 1921. honor for which as a whole they are so well recognized.

The listing of military colleges with "plus values" includes Marion Institute, Georgia Military College, Kemper Military School, Wentworth Military Academy, New Mexico Military Institute, Oklahoma Military Academy, Oak Ridge Military Institute, Valley Forge Military

Junior College, Allen Military Academy, Schreiner Institute, and Greenbrier Military School and Junior College. During the 1956–57 school year an enrollment survey in these institutions indicated a capacity number at the junior college level with the point of selectivity rather high and tending upward for the forthcoming decade.

#### This I Tried and Found Helpful

#### Mathematics—Determinants

Robert L. Bartlett, Westchester Community College, White Plains, New York

An occasional obstructionist (or genuinely inquiring student) wants to know what mathematical basis other than empirical there is for the supplying of an arbitrary variable in the solution of a system of two homogeneous equations in three unknowns. The method under discussion is that in which each of the unknowns is placed equal to the product of an arbitrary variable and the second order determinant made up of the coefficients of the other two unknowns.

In answering this inquiry, a third equation is supplied in which the coefficients of the unknowns and the absolute term are all zeroes. (This equation must be true for all values of the unknowns.) This system of three equations is then solved by using the cofactors of the zero elements.

It will be observed that in the numerator of each fraction giving the value of an unknown there is only one second order determinant whose value is other than zero and that the element by which this cofactor is multiplied is in every case the absolute term of the third or all-zero equation. If this zero is marked with colored chalk in the original equation and traced by color through the operations, most of the students will recognize that the coefficient of the non-zero second order determinant is the same in each case. They will also understand that zero over zero, although it is an indeterminate quantity, will be the same indeterminate quantity as long as the same zeros are involved. It is as the value of this fraction that the arbitrary variable is assigned.

$$a_1x + b_1y + c_1z = 0$$

$$a_2x + b_2y + c_2z = 0$$

$$0 x + 0 y + 0 z = 0$$

$$x = \frac{0}{0} (b_1c_2 - b_2c_1)$$

$$y = -\frac{0}{0} (a_1c_2 - a_2c_1)$$

$$z = \frac{0}{0} (a_1b_2 - a_2b_1)$$

# **Public Relations Through Motion Pictures**

T. ELTON FOREMAN

RECENT INTEREST in motion pictures as a means of publicizing a junior college has indicated to the College of the Sequoias officials in Visalia that they apparently have been among the pioneers in what is an increasingly popular medium of college public relations. Since 1950 the college has made five motion pictures featuring its program and activities. These films have been seen by an estimated 20,000 people with results which have thoroughly convinced the administration of the value of the medium.

Each of the movies has been from 20 to 25 minutes long, in color, with a magnetic sound track narration describing the activities pictured. Each film has attempted to cover the highlights of the college's program, both academically and in extra-curricular activities, and has had the dual purpose of interesting high school seniors in the area and making the adult population aware of what the college is doing.

The first of the movies was made during the school year 1949–50 as an experiment whose value remained to be determined. During the next two years it received wide and frequent use. In 1953 the college made a second film, using its own staff. Finding the project surprisingly simple

and inexpensive, the college repeated the program in the 1954–55 school year and again in 1956 made a completely new film. The 1956–57 edition is now ready for showing.

There are several reasons why it was decided to make a new movie each year. One is that the college has been undergoing the rapid growth and expansion common to most secondary schools in California, and each year sees many new phases added to the college's programnew buildings, new classes, new student activities which deserve a place in the film record. Another reason is that the film has much more interest for high school seniors if they can recognize people they know in some of the scenes, and chances for this are better when a new film is shot each year. Still another reason is that the staff members who work on the movies have found themselves improving their techniques each year, so that each new film represents an advance over the previous one, giving incentive to continue this improvement as long as possible.

Several steps are involved in the actual progress of making the movie. The head of the audio-visual department of the college is the cameraman, and he begins filming scenes of college activities with registration in the fall. Instructors are asked to notify him when their classes are planning activities of visual interest, and, in addition, he knows, after three years

T. ELTON FOREMAN is a feature writer for the Riverside Daily Press, Riverside, California. Formerly he was Publications Advisor at College of the Sequoias, Visalia, California.

of experience, of the events that provide good film material.

A journalism instructor at the college views the "rushes" of the cameraman's work from time to time during the fall semester and occasionally makes a suggestion for a scene or sequence to fit into his rough idea for the writing script. Once all the filming is finished he works out a suggested sequence of scenes, and the cameraman cuts, edits, and splices the film to the order desired.

After the editing has been completed, the film is sent to the Bell and Howell Soundstrip Laboratory in Los Angeles to have the soundstrip applied. This is actually a narrow strip of the same material used on sound tapes, and it is applied to the edge of the film making it possible to record the sound track directly on the film. Obviously where the soundstrip is to be used, a single perforated film should be used.

When the film has been returned with the soundstrip applied, the dean of students, a man with professional radio experience, records the narration onto the strip. Since the sound can be erased and re-recorded as often as possible, just as on recording tape, it is possible to achieve a reasonably flawless sound track.

Showings of the movie to high school seniors in the area begin early in April, so for college activities which happen after that date, such as spring sports and the annual college operetta, films which were shot the previous spring are used.

The director of counseling and dean of women are in charge of the visitations to high schools in this area. They visit 14 or 15 high schools in Kings, Tulare, Fresno and Kern Counties each spring showing the movie to all seniors usually during the

senior problems classes or some other class which all of the seniors take. This is an average of four to five showings at each school, or from 60 to 75 showings altogether.

In addition, the movies are shown to service clubs, P-TA's, and any other interested groups in the area. The club showings began as a secondary part of the movie project, but interest in the film has grown rapidly, and now each year's movie may be run as many as 150 different times before it is finally put on the shelf.

Each film is preserved after it has been retired from active service and kept as a valuable record for future reference. It is expected the movies will have a particular appeal for former students when present plans for an alumni association, with yearly reunions, reach fruition.

The College of the Sequoias has been fortunate in recent years in being able to present a series of outstanding light opera productions. It was the first college ever granted permission to produce both "Show Boat" and "Oklahoma." Each year's movie captures the highlights of these productions and preserves them as part of a lasting record of the college's achievements. The final dress rehearsal scenes are filmed using 7,000 watts of additional lighting; at the same time a tape recording of the production is made, and the action and sound are later synchronized, providing one of the highlights of the movie.

Reactions to the movies have been universally favorable. High school seniors find the movies answer many of the questions they have about the college and stimulate them to ask others. Adults who see the films frequently make such comments as, "I didn't know they were doing

all those things at the college," or "The place has sure grown since the last time I was out there."

Also gratifying to the staff that works on the movie are the frequent questions about what professional studio did the work, and how the college is able to afford the cost. Actually, the total cost for each film, including the application of the soundstrip, is less than \$900.00, far less than the estimate of \$4,000.00 which one professional submitted as his price for making such a film. The number of man hours involved in the production is difficult to estimate but probably averages about 200 or less.

For shooting the film the cameraman uses a Bolex H-16 DeLuxe model camera with three lenses: a 16mm wide angle lens, a 25mm normal lens, and a 50mm

telephoto lens. All scenes are shot at 24 frames per second. Kodachrome, Type A film is used. A powellite with four reflector photo flood lamps on flexible supports is used for all indoor shots. A shoulder tripod is used almost exclusively.

One problem the staff has yet to overcome is that night football games cannot be filmed in color, so the movie has no football scenes. Another is that some classes, such as English and history, have little visual appeal and make for static scenes in the film. However, in spite of such drawbacks, the college will continue to regard the yearly movie as its most effective public relations medium, one which bears out in vastly multiplied fashion the Chinese proverb, "One picture is worth ten thousand words."

#### This I Tried and Found Helpful

#### Recreational Dramatics

Keith Sexson, Wenatchee Valley College, Wenatchee, Washington

Recreational dramatics has been offered for the past two years at Wenatchee Valley College with these objectives: to acquaint students with types and methods of dramatic presentation in the community and to work creatively with children of the elementary school age. This year members of this class and other interested students were able to further the realization of these two objectives by participating in six, 15-minute educational television shows for children.

In cooperation with the radio-television classes that handled the announcing and technical work, these shows, entitled "Between the Bookends," were produced over the local station with the intent of interesting children in reading and enjoying some of the classics of children's literature. On alternate Saturday mornings throughout the winter quarter, Hansel and Gretel, Robin Hood, Katherine and Petruchio, Treasure Island, Wizard of Oz, and the Pied Piper were produced.

The instructor of the course acted as storyteller, giving background and creating interest in the story; then, the students from the recreational dramatics class enacted a famous scene from the story. This type of program has been a practical class project and helpful in stimulating both student and community interest in future dramatic activity.

# The Community Survey: First Step for a New College

AUDREY G. MENEFEE

A COMMUNITY survey made by the American River Junior College proved so useful and informative that the technique may be recommended without reservation to other new junior college districts. The advantages of a survey are not limited to new districts, of course. Long-established colleges could profitably use "refreshers" on their communities. Follow-up studies would also reveal the gradual changes that take place in a district above and below the surface.

The community survey used by American River Junior College proved to be a useful instrument for eliciting facts, opinions, and judgments necessary to guide college officials on matters of building as well as on matters not directly related to the building program. It provided particularly important findings for curriculum planning, teaching methods, personnel requirements, financial outlook, and school-community relationships.

American River Junior College is one of 11 institutions listed for the first time in the 1956 *Directory* of the American Association of Junior Colleges. Located in Sacramento County, California, the

district was created by special election in the summer of 1954, showing that the residents, by an overwhelming vote of 13 to one, wanted a junior college of their own. A few months later the same residents approved a \$3,000,000 bond issue for purchase of a campus. When the bonds were sold in 1955, the Board of Trustees named Bill J. Priest, Assistant Superintendent at Orange Coast College, as the first President and District Superintendent of American River Junior College.

Originally an agricultural area, the American River district constitutes one of the fastest growing suburban communities in the United States. The junior college was confronted with the task of building a major educational plant to meet the needs and resources of 200,000 people, most of them fairly new residents. Population forecasts indicated a population of not less than 400,000 by 1965.

Answers were needed to many crucial questions, including: What sort of instructional program did the taxpayers want for their children? What kind of terminal training would best meet the needs of local employers? How many people would want adult education and in what fields? What proportion of high school graduates could be expected to attend college? What enrollment could be anticipated in view of the fact that a state

AUDREY MENEFEE is Counselor and Instructor in Psychology and Journalism at American River Junior College, Del Paso Heights, California. She was formerly a columnist for the Washington Post and Times-Herald and correspondent for Christian Science Monitor. college was only a few miles away and the University of California less than 100 miles distant?

The issues were basic to a well-planned junior college prospectus, and the administration decided to explore them, even though this meant some delay in starting the building program. The technique adopted was a multi-faceted community survey, the "Educational and Occupational Needs Survey." It was conducted in the summer of 1955, and by the time school opened (in rented quarters) in the fall, many essential facts had been discovered about the nature of the community and the purposes its new junior college was expected to serve.

Four approaches were employed. A questionnaire was mailed to more than 300 individuals and firms located in, and employing sizable numbers of people from, the area. Sixty interviews were arranged with employers in large and small business firms and with representatives of labor and agriculture. Projections of student population were made to gauge potential future enrollment at American River. Finally, parents of 1,391 high school sophomores were asked to supply information on the post-high school plans of their children. (This group was selected because each high school sophomore was a prospective member of the 1958 charter freshman class on the new campus.)

In order to encourage responses, newspaper publicity was released about the survey and its purposes. Follow-up cards were mailed to those who failed to respond to the first letter. The cooperation of community leaders was solicited by college trustees and staff members in a series of talks given to service clubs. Student Population Projections

The most pressing problem facing the administration was that of building an adequate junior college plant. The first step was taken with the purchase of a 153acre site. In order to determine the size of facilities for initial construction (before 1958), and to get some idea of the ultimate size of the college, three separate enrollment forecasts were developed. The results made it apparent that buildings should be completed for not less than 2,000 students by the 1958 deadline and that expansion to a minimum of 5,000 students by 1965 should be anticipated. The population projections made it clear that \$3,000,000 would not meet the building needs, and the district began preparations for launching another bond election for the spring of 1956.\*

#### The Employment Surveys

The questionnaires returned from local firms revealed that 56 per cent of those responding were planning expansion, and 54 per cent anticipated in-service training needs which could be supplied by the junior college. The questionnaires and interviews exposed fields of work that were in short supply in the area and fields that had an oversupply of workers. They revealed beginning and maximum salaries offered in representative local employment fields and showed what general qualities and habits were most sought after in new employees and which specific work skills were most in demand by employers of junior college graduates.

<sup>\*</sup> This election, for a \$2,300,000 bond issue, was won by a vote of four to one. The initial survey, revealing as it did the characteristics of the community, was a valuable guide to the college's choice of public relations techniques in the period preceding the election.

The implications for curriculum planning were dramatic and immediate.

Survey of Parents of High School Sophomores

Parents of all students enrolled in the tenth grade of the district's four high schools were sent questionnaires in the hope that their replies would serve as a guidepost in curricular planning as well as a check on enrollment forecasts. The questions sought to discover the general scholastic record of each student; whether or not he intended to go to college; and what course he planned to follow if he did continue his education beyond high school.

There were admittedly "hidden" motives for this questionnaire. American River Junior College wanted high school sophomores to know that a new college was being readied for their class in the belief that this news might help them in their educational planning.

One unexpected finding may be mentioned. Of a tremendous range of specific vocational fields, only four were named frequently enough to be significant. These were teaching, secretarial work, engineering, and nursing.

Noted below are some additional facts uncovered by the survey that are indicative of the kinds of information which junior college planners can learn from a community survey.

1. As of October, 1955, American River Junior College graduates could qualify for local positions offering beginning salaries of \$160 to \$450 per month. They could look forward to maximum salaries ranging from \$200 to \$575 after they had become experienced workers. The specific fields offering these salaries were identified by the survey.

2. Vocational opportunities for American River terminal students were excellent: of the 36 fields investigated, 14 were in short supply and one, unskilled labor, was in oversupply. This clear-cut picture of the local employment situation was a key factor in selection of new curricular offerings.

3. Employers' responses showed that the college's educational program should place strong emphasis on training in the field of human relationships; in giving leadership experience; and in the mastery of basic fundamentals, such as arithmetic, reading, and communications skills.

4. The need for a strong adult education program was made evident. No institution in the area was meeting the demand for up-grading of employed workers.

5. The field of community planning was shown to be urgently in need of trained people. The unstructured interviews, in particular, revealed pressing local problems. American River plans to take a leadership role in this field.

 The survey made clear that additional construction would have to be undertaken to prepare for a sharp increase in enrollment during the early 1960's.

Encouraged by these preliminary results, American River Junior College plans to make a more comprehensive study of the district during the spring of 1959. The follow-up survey is expected to provide an evaluation of the effectiveness of the college program during its first three years of operation. It will be arranged to coincide with a comprehensive restudy of the curriculum and a review and revision of anticipated enrollments for the decade ahead.

# A Study of Junior College Buildings and Equipment Costs in the United States\*

C. C. COLVERT AND MARVIN L. BAKER

THE RESEARCH OFFICE and the Administrative Problems Committee of the American Association of Junior Colleges have long recognized the many problems related to building cost. Upon the approval of the Board of Directors of the Association this study was undertaken.

#### PURPOSE OF THE STUDY

This study of junior college building costs and equipment was made for the following purposes:

- To ascertain the actual cost per square foot of junior college buildings constructed in the United States from January 1, 1950, to November 1, 1955.
- 2. To determine the cost of the equipment placed in the different buildings.
- To determine the above costs by type of educational buildings, such as administrative and classroom, auditorium, gymnasium, science, etc., in four regions of the United States; namely, New England and Middle States, North Central, Southern, and Western and Northwestern.
- To determine the cost per square foot as to the classification of construction listed by the Texas Insurance Com-

mission;<sup>1</sup> namely, Class B, Class HTB, Class HT, Class BV, Class S, Class IC, Class ICM, Class CD, and Class D. (See definition of terms.)

#### DEFINITION OF TERMS

Outside Measurement. The measurement of a building or classroom from one outside wall to another outside wall. This measurement includes the thickness of the wall but omits sidewalks, parking areas of covered work or play areas.

Inside Measurement. The measurement of a building or classroom from one inside wall to another excluding the wall thickness

Equipment. Furnishings or other apparatus which are placed in a building after it is completed. Equipment which is a part of the building and embodied in the construction cost of the building is not included.

Class B Construction. Buildings with walls of brick, concrete, stone, adobe, or hollow masonry filler walls in reinforced concrete frame (columns of concrete

C. C. COLVERT is Professor of Educational Administration and Consultant in Junior College Education, The University of Texas, Austin.

MARVIN L. BAKER is Vice President and Director of Adult Education, Howard County Junior College, Big Spring, Texas.

<sup>\*</sup> This article is based upon a dissertation written by Dr. Marvin Baker of Howard County Junior College, Big Spring, Texas, under the supervision of C. C. Colvert at The University of Texas.

<sup>&</sup>lt;sup>1</sup> "Amendment Number 150," Texas General Basic Schedule, approved by Board of Insurance Commissioners of Texas, Austin, Texas, 1955, pp. 219–220.

frame not to be over 20 feet apart) or between concrete, brick protected steel columns, pilasters or piers not over 20 feet apart supporting entire roof and floor loads.<sup>2</sup>

Note: Supporting walls of hollow concrete masonry units listed by Underwriters' Laboratories, Incorporated, as B-4 retardants to be classed as "B".

Class ETB Construction. Buildings with walls of hollow masonry units veneered with brick or stone.<sup>3</sup>

Note 1: Supporting walls of hollow concrete masonry units not veneered with brick or stone but certified in writing on prescribed forms by an acceptable testing laboratory as meeting Grade "A" or "B" requirements of the American Society for Testing Materials Specification C90–44 to be classed as HTB. Units listed by Underwriters' Laboratories, Inc., as C-3 or D-2 retardants to be classed as HTB.

Note 2: Supporting walls of structural clay tile masonry units not veneered with brick or stone, but certified in writing on prescribed forms by an acceptable testing laboratory as meeting any grade of American Society for Testing Materials Specifications C35–52 or C212–52, which tile has three or more cells in wall thickness or which has two cells in wall thickness and contains at least 49 per cent solid material in eight-inch units, shall be classed as HTB.

Class HT Construction. Buildings with walls of glass blocks or hollow masonry units of clay or concrete.<sup>4</sup>

Class BV Construction. Buildings of frame with walls veneered with brick, stone or concrete, or brick nogged.<sup>5</sup>

Class S Construction. Buildings with walls of stucco not less than 1/4 inch thickness, or rigid cement type asbestos board on wood frame, or incombustible cement asbestos facing laminated on both sides of fiberboard core.6

Class IC Construction. Buildings with corrugated iron or sheet metal on wood frame.<sup>7</sup>

Class ICM Construction. Buildings of structural metal frame throughout with sheet metal or other non-combustible material walls (including glass and glass brick) and roof fastened to frame. Floors non-combustible and no combustible material in construction except combustible inside trim, doors, partitions and window frame permitted.<sup>8</sup>

Class CD Construction. Buildings of frame or wooden walls.9

Class D Construction. Buildings of frame, wooden or metal clad with wood shingle or board roof. 10

Class 1. All buildings of Class B. HTB and HT as defined above.

Class 2. All buildings of Class BV, S, IC, and ICM as defined above.

Class 3. All buildings of Class CD and D listed above.

New England and Middle States Region. That area of the United States which is formed by those states belonging to the New England and Middle States Associations of Colleges and Secondary Schools; namely, Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont, Delaware, District of

<sup>2 &</sup>quot;Amendment Number 150," loc. cit.

<sup>3</sup> Ibid.

<sup>4</sup> Ibid.

<sup>5</sup> Ibid.

<sup>6</sup> Ibid.

<sup>7</sup> Ibid.

<sup>&</sup>lt;sup>8</sup> Ibid.

<sup>9</sup> Ibid. 10 Ibid.

Columbia, Maryland, New Jersey, New York and Pennsylvania.

North Central Region. That area of the United States which is formed by those states belonging to the North Central Association of Colleges and Secondary Schools; namely, Arizona, Arkansas, Colorado, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, New Mexico, North Dakota, Ohio, Oklahoma, South Dakota, West Virginia, Wisconsin, and Wyoming.

Southern Region. That area of the United States which is formed by those states belonging to the Southern Association of Colleges and Secondary Schools; namely, Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Texas, and Virginia.

Western and Northwest Region. That area of the United States which is formed by those states belonging to the Western and Northwest Associations of Colleges and Secondary Schools; namely, California, Idaho, Montana, Nevada, Oregon, Utah, and Washington.

Of the 601 junior colleges listed in the 1955 Junior College Directory, 78 were omitted from the study because they were either outside the continental limits of the United States, junior divisions of four-year colleges, extension centers or branch colleges. Replies were received from 495 (95 per cent) of the remaining 523 colleges. Of those 495 colleges replying, 185 reported new construction since January 1, 1950. A total of 403 new junior college buildings were listed by these colleges.

Information was received from 138 (75 per cent) of the colleges checked and on the 403 (75 per cent) new buildings con-

structed. Data were received from 73 to 86 per cent of the total number of new buildings constructed in each regional area.

Building Costs in Junior Colleges
According to Region and
Type of Construction

An administrative officer supplied the raw data on the various types of buildings on each campus. These data included items such as date of construction, type of construction, total square footage, total cost of building, and primary use of the building. An index number was applied to the actual cost of each building in order to obtain 1955 revised cost of the buildings. The Associated General Contractors' Index of Construction was used. The formula was used to translate the original cost of each building into 1955 costs. This formula was

 $\frac{1955 \text{ index}}{\text{previous index}} \times \text{Original Cost} = 1955 \text{ Cost}$ 

Since there was no index table of educational equipment costs it was felt that the .aetal Products Index, 12 published by the United States Department of Labor, should be used for this purpose. However, it was decided that an accurate picture of equipment costs could be obtained only by presenting the equipment cost data with both the lowest and highest index figures secured from the investigation. The lowest index found was the Wholesale Prices designated as Index 1 and

<sup>&</sup>lt;sup>11</sup> United States Department of Commerce, Survey of Current Business, 1955 Biennial Addition.

<sup>12</sup> Ihid

<sup>&</sup>lt;sup>13</sup> United States Department of Commerce, Survey of Current Business, 1955B Annual Review.

the highest was the Index of Metal and Metal Products previously mentioned and designated as Index 2. The formula similar to the one mentioned above is used for these two indexes for converting all costs of equipment to 1955 costs.

After obtaining the revised cost of equipment by both indexes, these costs were divided by the 1955 revised building costs in order to obtain the percentage that the equipment was of the cost of the building.

#### BUILDING COSTS IN THE SOUTHERN REGION

The data in Table 1 give the mean, median, and range in cost per square

foot for the different types and classes of buildings in the Southern Region and also the median percentage that the equipment is of the cost of each building. The mean cost per square foot for Class 1 buildings ranges from \$8.81 for chapels to \$17.99 for home economics buildings. The median percentage that equipment is of the cost of the buildings ranges from 28.0 to 30.9 for science buildings of Class 2 to as low as 5.3 to 5.7 for gymnasiums.

Listed in Table 2 are data on building costs for the Western and Northwestern Region. Fine Arts buildings (Class 1) have the highest mean cost per square foot in this region; auditoriums have the highest median cost. The lowest mean

TABLE 1

Building Costs in the Southern Region, 1957

Type, Number, and Class of Buildings Constructed in the Southern Region 1950–1955

and the Revised Costs Per Square Foot for 1955

Type of	No. of		Re	vised Cost Pe	Median Percentage that Equi is of Cost of Bldg.		
Bldg.	Bldgs.	Class	Mean	Median	Range	Index 1	Index 2
Classroom	12	1	\$14.09	\$14.69	\$ 9.02-19.84	12.3	12.8
Classroom	1	2	14.64	13.36	10.28-16.43	12.6	13.9
Fine Arts	4	1	11.91	9.70	4.27-17.46	14.6	16.1
Fine Arts	2	3	2.79	2.34	1.34- 4.33	18.7	20.1
Science	6	1	13.62	13.05	9.62-17.14	16.4	18.1
Science	2	2	9.70	9.85	9.19-10.51	28.0	30.9
Home Economi	cs 3	1	17.44	17.99	9.46-25.65	8.5	9.8
Library	11	1	12.85	12.65	8.46-20.61	14.6	15.7
Auditorium	4	1	17.99	10.67	6.90-39.30	13.4	14.3
Gymnasium	13	1	12.25	12.82	4.04-23.25	5.3	5.7
Gymnasium	2	2	12.44	10.17	6.13-14.21	8.7	9.6
Shop	3	1	10.18	9.16	4.91-12.72	25.0	25.0
Voc. Tech.	6	1	11.04	8.07	2.21a-13.90	16.0	17.7
Student Center	8	1	12.96	13.37	7.26-14.58	14.7	17.0
Student Center	1	3	1.51				
Chapel	3	1	8.81	8.41	6.41-21.42	31.6	35.9
Pres. Home	4	2	7.50	6.66	5.80- 9.64	11.3	12.0
Men's Dorm.	13	1	10.20	11.53	5.33-13.51	9.1	10.4
Women's Dorm		1	11.05	11.70	5.20-15.28	8.5	9.2

a Was constructed without a contractor.

and median costs (other than home economics, \$4.21 mean) are shops, \$10.85 and \$8.46 respectively.

It will be noted in Table 2 that the low median percentage cost of equipment ranges from 1.8–1.9 for Class 1 men's dormitories to a high of 24.2–27.1 for Class 1 shop buildings. The percentages of 1.8–1.9 seem very low. The highest percentage given for one dormitory was 7.2.

The cost per square foot according to class type and median percentage that equipment is of total cost of the building is shown in Table 3. Class 1 vocational-

technical buildings have the highest mean cost per square foot (\$24.11) for Class 1 buildings and shops have the lowest (\$9.07). The lowest mean cost shown is for a Class 3 student center building at \$4.60. The highest median cost is for Class 1 library buildings at \$20.42 per square foot, and the lowest median cost is \$6.30 for Class 1 shop buildings. The highest percentage range for equipment is from 26.0–30.0 for Class 1 shops; the lowest is 4.9–5.7 for Class 1 Men's dormitories.

Tabulated in Table 4 are the data on

Table 2

Type, Number, and Class of Buildings Constructed in the Western and Northwestern Region in 1950–1955, and the Revised Cost Per Sauare Foot for 1955

Type of	No. of		Revised Cost Per Sq. ft.			Median Percentage that Equip is of Cost of Bldg.		
Bldg.		Class	Mean	Median	Range	Index 1	Index 2	
Administration	2	1	\$15.72	\$15.75	\$15.68-15.82	19.0	21.6	
Administration	2	2	18.21	18.03	17.60-18.45	13.0	14.2	
Classroom	10	1	17.54	15.63	13.40-24.75	9.6	10.2	
Classroom	15	2	17.93	18.42	15.26-30.50	8.5	8.5	
Fine Arts	3	1	16.41	15.37	14.52-30.00	3.9	4.5	
Fine Arts	5	2	20.46	18.55	15.46-27.59	5.8	6.7	
Science	10	1	17.71	17.15	7.38-31.65	15.0	15.8	
Science	5	2	20.00	20.49	14.64-28.39	14.6	16.4	
Home Econ.	2	2	19.14	19.91	17.78-22.03	11.7	13.0	
Home Econ.	1	3	4.21			69.4	77.7	
Library	3	1	18.21	18.04	17.43-18.68	9.5	10.6	
Library	3	2	14.27	16.37	10.32-19.59	13.5	15.2	
Library	1	3	5.79			17.4	18.4	
Auditorium	3	1	21.60	21.62	20.06-26.74	4.9	5.6	
Gymnasium	6	1	17.07	15.49	13.37-38.13	4.3	4.6	
Shop	4	1	10.85	8.46	1.35-12.86	24.2	27.1	
Shop	8	2	11.06	11.86	8.72-12.65	52.5	58.8	
Voc. Tech.	6	1	16.90	13.29	11.17-20.73	4.9	5.3	
Voc. Tech.	1	2	13.30	*******	*************	21.8	25.1	
Student Center	4	1	17.39	19.80	12.70-28.14	14.6	15.5	
Student Center	4	2	17.03	18.55	11.19-20.02	14.6	15.6	
Health Center	2	2	15.39	15.39	12.34-18.44	16.2	17.4	
Pres. Home	1	3	14.21		***************************************	*****	*****	
Men's Dorm	3	1	20.69	17.44	17.44-33.41	1.8	1.9	
Men's Dorm	1	2	7.16	*******	***************************************	46.8	50.1	
Women's Dorm	1	2	13.60	*****	***************************************	12.1	13.0	

costs for the New England and Middle States Region. The highest mean cost per square foot is \$31.14 for auditoriums (Class 1), and the lowest for Class 1 buildings is \$11.91 for a student center. The lowest mean cost listed is \$5.37 per square foot for a Class 3 science building. The highest median cost is \$32.45 also for an auditorium. The lowest cost is \$9.71 for a Class 3 women's dormitory. The median percentage that equipment is of the cost of the building ranges from 34.1–36.5 for a president's home and from 21.8–24.3 for science buildings to a low of 7.6–8.8 for women's dormitory.

By way of summary, mean costs per square foot for the Class 1 buildings for

each type in each of the four regions are given in Table 5. The lowest mean costs are primarily in the Southern and North Central Regions and the highest costs in the Western-Northwestern and New England-Middle States Regions, especially in the case of classroom and science buildings.

Building costs have risen since 1955; some indexes indicate as much as a 50 per cent increase. Equipment costs, however, indicate a raise in costs only up to ten per cent.

If any junior college administrator wishes detailed information not given in this article, he may write to C. C. Colvert, The University of Texas.

Table 3

Type, Number, and Class of Buildings Constructed in the North Central Region in 1950–1955 and the Revised Cost Per Square Foot for 1955

Type of	No. of		Re	vised Cost Pe		lian that Equip. t of Bldg.	
Bldg.	Bldgs.	Class	Mean	Median	Range	Index 1	Index 2
Administrative	1	1	\$17.00		**************	8.4	8.4
Classroom	9	1	14.41	\$11.33	\$ 8.94-26.41	10.5	11.4
Classroom	1	2	11.42			*****	*****
Classroom	1	3	7.38		***************************************		******
Science	4	1	12.04	13.18	6.78-13.69	18.6	21.5
Science	1	2	11.80			21.5	22.5
Library	4	1	19.70	20.42	8.71-28.72	6.8	7.9
Auditorium	1	1	15.09			13.1	14.7
Gymnasium	7	1	13.24	10.26	7.67-19.41	5.3	6.1
Gymnasium	1	2	7.77			*****	
Shop	3	1	9.07	6.30	6.10-12.83	26.0	30.0
Shop	1	2	16.87		***************************************	******	*****
Voc. Tech.	3	1	24.11	13.70	6.79-28.82	14.0	15.9
Student Center	1	1	12.69	******	*********	12.7	14.6
Student Center	1	3	4.60	******	***************************************	51.5	58.9
Chapel	3	1	13.30	11.67	10.00-23.84	*****	*****
Men's Dorm	3	1	13.07	13.23	12.70-14.23	8.0	8.0
Men's Dorm	1	2	12.86	*****	******	4.9	5.7
Women's Dorm	7	1	12.58	11.65	7.36-23.56	8.9	9.4
Women's Dorm	1	3	6.15	******	*****************	15.7	17.5

TABLE 4

Type, Number, and Class of Buildings Constructed in the New England and Middle States Region in 1950–1955 and the Revised Cost Per Square Foot of Buildings for 1955

Type of	No. of		Re	vised Cost Pe	Med Percentage is of Cos		
Bldg.	Bldgs.	Class	Mean	Median	Range	Index 1	Index 2
Classroom	2	1	\$18.35	\$17.94	\$14.33-21.54	11.9	12.4
Classroom	1	2	12.60		*************	15.2	17.6
Science	2	1	18.73	18.67	15.92-21.42	21.8	24.3
Science	1	3	5.37		************	48.8	51.9
Home Econ.	1	1	13.39	******	*************	32.5	34.6
Library	5	1	21.95	25.55	15.10-35.72	14.0	15.7
Auditorium	2	1	31.14	32.45	29.19-35.70	16.8	19.0
Gymnasium	3	1	19.81	21.48	16.72-35.99	2.8	3.1
Gymnasium	1	3	7.45	*- *****	************	3.3	3.8
Student Center	2	1	11.91	10.02	5.05-14.98	10.3	11.3
Pres. Home	1	1	29.52	******	*************	34.1	36.5
Men's Dorm	1	1	14.80	*****	*************	6.5	6.9
Men's Dorm	1	3	6.03	******	*******	13.1	14.7
Women's Dorm	6	1	15.11	15.79	11.64-19.89	7.6	8.8
Women's Dorm	2	2	9.72	9.71	9.67- 9.74	11.0	12.7
Women's Dorm	1	3	5.72	******	***************************************	14.0	15.0

Table 5

Mean Costs Per Square Foot for Class 1 Buildings by Types and Regions for Junior College Buildings, 1955

Type of Bldg.	Southern	Western Northwest	North Central	New England Middle States
Administration	\$	\$15.72	\$17.00	\$
Classroom	14.09	17.54	14.41	18.35
Fine Arts	11.91	16.41	*******	******
Science	13.62	17.71	12.04	18.73
Home Econ.	17.44	19.14a	******	13.39
Library	12.85	18.21	19.70	21.95
Auditorium	17.99	21.60	15.09	31.14
Gymnasium	12.25	17.07	13.24	19.81
Shop	10.18	10.85	9.07	*******
Voc. Tech.	11.04	16.90	24.11	*******
Student Center	12.96	17.39	12.69	11.91
Health Center		17.03		******
Chapel	8.81	******	13.30	
Pres. Home	7.50	14.21		29.52
Men's Dorm	10.20	20.69	13.07	14.80
Women's Dorm	11.05	13.60a	12.58	15.11

a Class 2 Bldg.

## The English Dilemma

#### **RUTH SMOCK**

IF JUNIOR colleges are to handle efficiently the rising tide of attendance, some curricular changes will be necessary. In the English department the problem arises as to how to reduce the work without appreciably lowering present standards.

First of all an English teacher must realize that even under current loads the work is not reducible to a 40-hour week. Before the start of one semester, the writer followed set precedents and spent a week preparing syllabi; at the end of the semester another week was spent in writing summaries. During the semester, the writer's three grammar and composition courses alone called for ten themes from each student, so many weekends were spent (as is customary among English teachers) correcting themes.

The prospect of following this procedure twice a year is not an attractive one; neither is it going to lure college English majors into the profession to meet the growing demand for them, but the dilemma has a solution.

First, a syllabus is helpful in research courses for which bibliographical materials must be listed or for a seminar course which meets infrequently and therefore needs a supplement to the teacher's guidance. A syllabus for a freshman or sophomore English course, how-

ever, is entirely dispensable because of the wealth of adequate one-volume textbooks available, any one of which, if followed a certain number of pages per period throughout the semester, gives the student a good grasp of the subject as well as provides him with a familiar handbook for permanent references. These texts combine principles of grammar with excellent readings, and some even include a handy workbook. The use of an adequate text would also obviate the necessity of a course summary, for the teacher would simply specify which text he followed.

Another note on text work: It has become popular to correct themes by unfamiliar number symbols rather than by familiar letter symbols. This is not only time-consuming but unnecessary. For example, how can the use of "21" or "18" rather than "sp" to designate a spelling error add anything but remoteness (for the student) and busywork (for the teacher) to the study of grammar?

This leads to consideration of the greatest time-consumer, the correcting of themes. Three themes by the same student give close to the same indication of his knowledge of grammar and composition as do ten; the value of ten lies not in the teacher's reading them but in the student's writing them. Therefore, a teacher could view each student's theme work as a term project, proceeding as follows: Collect the themes regularly for the

RUTH SMOCK is an Instructor in English, Montgomery Junior College, Takoma Park, Maryland. first ten weeks, each time placing a check mark (to show that the student submitted it) instead of a grade by the student's name. Without correcting them, file the themes. By the due date of the tenth theme, the class will have covered much of the semester's grammar. Then the themes can be returned for the student himself to correct and rewrite in the light of his better grasp of the specific word, phrase, clause, sentence, paragraph, and unified whole. (It seems a case of getting the shoe on the wrong foot for the teacher, who knows the grammar, to do the spade work of correcting it.) Late in

the semester, the student can resubmit the ten rewritten themes all together. Then the teacher may select at random about three themes per student, correct these, average the three grades, and place only one theme grade for each student in his grade book. This would also result in one rather than ten theme grades at the end of the term, thus greatly simplifying paper work.

The alternative to the above system is what the junior college English teacher currently endures. The situation can be remedied if the teacher is determined to remedy it.

#### This I Tried and Found Helpful

#### An Effective Aid in Teaching Life Science

H. Lynn Sheller, Fullerton Junior College, Fullerton, California

The introduction of beginning college life-science students to the study of tissue sections is not always easy. The area covered by the field of the low-power lens of the compound microscope is limited and reveals only a part of the entire picture. Hence, during each laboratory period where tissue is going to be studied, a little time should be spent orienting students to the landmarks to be found on the slides they are to examine. To do this, it is advisable to use a microprojector (Bausch and Lomb, Ken-A-Vision, Seoscope or Bioscope) with a power which will project the entire tissue section on the screen. Now this is the heart of the suggestion: Instead of the usual projection screen, it is better to use a translucent

screen. This is made by stretching a piece of silked drawing paper over a frame two feet by three feet. The image shows on both sides of the screen so that a class of 15 to 30 students may view the projection of the slide from either side of the screen. The mesh of the screen is very fine, permitting minute details to show clearly. The students are close enough to see the details, and the light is bright enough so that no room darkening is necessary. A pencil interposed between the projector and the screen makes an excellent pointer to use in indicating tissue structure and areas of special attention. In this way one may study the forest before tackling the trees.



WILSON, CHARLES H. A Teacher Is a Person. (New York: Henry Holt and Company, 1956.). Pp. 285. \$3.75.

The only dull part of Dr. Charles H. Wilson's book, A Teacher Is a Person, is the title. Stripping the American educational labyrinth naked with a double-barrel explosion of satire, humor, and handy advice, the author combines intuitive insight with experience and wit to re-enact the real-life story of public education today. With a fresh unorthodox approach to a normally uninterestingly written subject, he plunges into the humor-arid arena of pedagogy, displaying a multi-colored array of educational controversies calculated to rattle the brains of educators and laymen alike.

Fearlessly, he rips into outmoded academic dogma, dealing deadly blows and revealing it in all its superficiality. No segment or concept of education is left unchallenged—from the grading systems to administration, from the liberal arts and education major fringe lunatics, to the public relations problems of treating with the frequently ignorant and opinionated merchant. All the while he guides the chuckling reader through the intricate "ins" and "outs" of the maze of public education. The intellectually arrogant

educator who has high blood pressure and a low humor count is urged not to read this book.

Beginning with his tumultuous undergraduate days spent at a small midwestern college, the author spins a tale of unforgettable episodes in what is supposed to be an "autobiography." All through his story he depicts the teacher as a human being rather than a big sisterish, fullcracked, fussy feathers. Although a youthful optimistic radical at heart, the writer portrays many soul-searching moments as he comes to grips with some semi-unsolvable problems. Despite the tremendous coverage of subject matter and events ranging from the United States to England, the red thread running through this story concerns the problem of training qualified teachers.

Much time is spent analyzing the weakness of "watered down" education. Feeling that the public school is here to stay, he begins to dissect its parts and philosophies endeavoring to determine wherein the faults lie. Having been a liberal arts professor who later turned to administration and feeling a close kinship to "both causes," he feels free to poke fun in any direction. His main peeve is that the liberal arts and education departments do not consolidate. The children are the ultimate losers because their teachers are either cast in the dye of education or liberal arts, both losing the benefit of the other's philosophy and training programs.

The liberal arts departments complain that the administrators, state officials, and education professors have, for their own security, created an "interlocking directorate," a "closed shop," an "iron curtain," behind which they "brain-wash" through a process of "rigid anti-intellectualism" all who hope to teach-that they indoctrinate prospective teachers in "how to teach happy children" rather than in "what to teach," consequently destroying not only their natural teaching interest, but also leaving them without real insight into the subjects they try to teach. They declare that "high standards" and the teaching of "fundamentals" will rectify everything-that the natural selection process is the only lasting remedy for an otherwise defunct system.

Dr. Wilson contends that the college liberal arts professors fail to understand the problems created by mass educationthat they are frequently pedantic types who show no interest in public schools which they consider "beneath them," but dwell on writing "inbred" books that only a few of their "flock" will read. The author recognizes that a teacher must know what as well as how to teach and consequently arrives at a plan for liberal artseducation departments. Indirectly he says that the state of public school health is symptomatic of the type of teachers we have and how well they are trained, plus the fact that they must accommodate millions of youngsters regardless of their intelligence or desire to learn. His solution

—patience, imagination, constant effort, and compromise.

Luis M. Morton

Womenpower. A Statement by the National Manpower Council with Chapters by the Council Staff. (New York: Columbia University Press, 1957). Pp. 371.

The extent to which the United States depends on the presence of more than 22 million women in the labor force is, perhaps, not yet fully appreciated. Womenpower should be of interest to teachers, administrators, and counselors alike. It offers a comprehensive and statistically documented analysis of present and future trends in the employment of women. The analysis concerns itself, among other things, with the present occupational distribution of employed women and with the relationship between employment and family income, marital status, education, and age. It presents a firsthand account of policies, practices and problems of employers dealing with women workers which, in spite of regional variations and discrepancies, appear to show common patterns and with the issues of public policy which have been precipitated by the employment of women.

For teachers and administrators of junior colleges the problem of finding the most suitable education for young women is not new. They will find the analysis of the differences between boys and girls in performance, aspirations, and employment as well as some cautious but suggestive interpretations of these trends of interest. The authors review some of the problems and trends in post-high school education of women and the arguments for or against more specialized education.

All the approaches toward higher education of women appear to testify to the variety of needs which formal education is called upon to fulfill. They suggest that the search for a single educational format rather than highly varied institutions and curriculums may be self-defeating.

The discussions of the Council reveal the influence of tradition, misinformation, and lack of adequate opportunities in the employment of women. Available talents and interests are far from fully utilized. Accordingly, the Council recommends the expansion of educational and vocational guidance services to help young women to make sound and informed decisions, the increase of occupational guidance and placement services for mature women, the expansion of scholarship and fellowship programs to enable young women of high ability to continue their formal education, and repeated surveys to assess the adequacy of existing training facilities. The Council suggests in addition a review of, and changes in, current employer practice in hiring, promotion, and training of women employees in the light of current trends. It is in these and other areas that the junior college can make an important contribution.

The authors are justifiably cautious in their interpretation of often tentative data. The study strongly suggests the need for further research dealing with the problems and consequences which attend the changing trends in the life of the modern woman. It is to be hoped that it will be an impetus to continuing efforts to enhance understanding in this area. Womenpower should be a welcome addition to every junior college library.

DAISY L. TAGLIACOZZO

Nebergall, William H., and Frederic C. Schmidt. College Chemistry. (Boston: D. C. Heath and Co., 1957).

This book covers most of the topics which have been found in beginning courses for college students for the last ten years or more. In addition, it presents some special and unusual features. The authors state in the preface, "This book is designed to help instructors to integrate general chemistry and qualitative analysis." For this reason Part IV gives directions for semimicro methods for qualitative analysis of solutions which might contain any or all of the commoner cations of metals. Thirteen selected anions are also covered; directions are given for treatment of simple inorganic compounds, and metals and alloys are briefly presented for analysis.

The use of a textbook as a laboratory manual is beneficial for students but hard on the book. Laboratory reagents will inevitably be spilled or spattered with consequent damage to the book.

The laboratory directions are simple, clear, and easy to follow. To avoid pollution of the laboratory air, thioacetamide is used throughout the cation analysis to precipitate cations of groups II and III.

The section giving directions for analysis for each group also gives liberal discussion of the special problems presented by each group and each cation in its group with equations to show what reactions each cation will enter into with the reagents which are suggested for precipitation, solution, and identification. An alert student should, without much assistance from the teacher, understand why the procedures are as they are before he is called upon to follow them.

Just preceding the specific directions for laboratory procedures the book devotes 44 pages in Part III to principles and problems in Ionic Equilibria. This section includes the subjects of weak electrolytes, pH and pOH concentration data, buffer solutions, molar solubility and solubility product calculations, dissolution of precipitates and hydrolysis.

Parts I and II give a richer than average, for general college chemistry texts, discussion of the classic topics of general principles, laws, non-metals and metals. Some of the laws are stated without reference to modern knowledge. The law of conservation of energy does not provide for atomic bomb energy from matter dissolution. The law of definite composition makes no provision for isotopic variants. These laws are later modified, but they might have been stated in a form different from that of 50 years ago. The usual habit of calling a United States cent a penny is followed in at least two places. At the bottom of page 321 an unbalanced equation is to be seen. On page 427 is the statement, "An atomic bomb is composed of several pounds of 238U or 239Pu." 92

Page 471 has the statement, "In 1770 Lavoisier showed that animals use oxygen for respiration." Page 8 mentions 101 elements, and page 9 says 103 elements.

Generally speaking the book is very superior. It contains more material than any student could learn in a one-year course. The method of presentation is excellent. Definitions are given with great clarity and simplicity. Diagrams, tables, and illustrations are abundant and well selected. Problems with answers give the student ample opportunity to see if he understands what he is supposed to know. Each chap-

ter has an excellent selection of citations to published articles, and the appendices in Part V give a rich source of concentrated reference information.

College Chemistry makes an especially pleasing fusion of old and new ideas regarding acids, bases, and salts. Molecular and ionic equations are more than abundant, and the subject of chemical bonding has dozens of detailed illustrations. The system of giving each major topic in each chapter the number of the chapter followed by the decimal sequence of the topic is to be commended.

VERNON E. WOOD

Department of Foods and Nutrition, Kansas State College. *Practical Cookery* (New York: John Wiley and Sons, Inc., 1956). Pp. 364. \$4.00.

Practical Cookery is designed to meet the needs of classes in food preparation and the homemaker, especially the person inexperienced in food preparation. Although the book is based on a cookery manual first issued by Kansas State College in 1912, it is up to date in discussions of new methods of food preparation, home mixes and measurements, and etiquette.

A brief review of the contents follows the title of the chapters included in the book:

General Information: Discussion of the use of the basic seven food groups in daily meal planning, processes in food preparation, techniques in food preparation, oven temperatures, measurement, approximate measure and number of servings per pound of some food materials as purchased, weight and measure of standard sizes of canned goods.

Beverages: Kinds and methods of preparation.

Cereals: Kinds, methods of preparation, and serving suggestions.

Eggs: Discussion of eggs as a food, their selection, care, uses, beating, cookery, service, frozen eggs, dried eggs, recipes for egg preparation.

Fruit: Preparation of fresh fruit, uncooked fruit, cooked fruit with recipes.

Flour Mixtures: Discussion of batters and doughs, leavening agents, proportions for baking powder and soda, adapting recipes, the role of fat in batters and doughs.

Quick Breads: Detailed recipes for a wide variety of products, with recipes for basic home quick bread mix and directions for its use.

Yeast Breads: Ingredients, common faults in bread with their causes, a score card for yeast bread, method of making yeast breads, with a very inclusive number of recipes; uses of stale bread.

Sandwiches and Canapes: Types of sandwiches, equipment to make them, fillings, storing, garnishing and serving. An excellent selection of recipes.

Vegetables: Selection and preparation, general directions for cooking, methods of cooking vegetables, time of cooking, time table for boiling vegetables, general suggestions for serving vegetables with recipes for variety of vegetables.

Sauces: Suggestions for combining sauces with certain foods and recipes.

Entrees: The meaning of the word itself explained, suggestions for entrees listed with recipes.

Meat: Care, structure, cooking of frozen meat, meat tenderizers. A timetable for cooking thawed and unthawed cuts and one for roasting meats. Foods suitable to serve with various meats and help with meal planning. Specific directions for cooking.

Fish: Cookery, service, garnishes, frozen fish, cleaning and dressing, boning and cutting, trussing, specific directions for preparation of fish and shellfish.

Poultry: Dressing and cleaning, drawing, cleaning giblets, stuffing, trussing and cutting up, recipes.

Cheese: General preparation and cooking principles and suggestions for serving cheese, recipes.

Fats: Their place in the diet and uses. Salad Dressings and Salads: Recipes for various salad dressings with general suggestions for salad making and combinations of foods for salads.

Relishes and Garnishes: Directions and uses for many relishes and garnishes.

Desserts: A number of basic recipes.

Cakes: Characteristics of good butter cakes and sponge cakes, their making and baking techniques, common faults and possible causes discussed, recipes.

Frostings and Fillings: Directions for frosting cakes, recipes for frostings and fillings.

Cookies and Small Cakes: Recipes.

Pastry: Discussion of classes of pastry, qualities of good pastry, general suggestions for mixing and preparation, baking and recipes for various kinds of pastry and several pies.

Meringues: Discussion of hard and soft meringues and recipes for both.

Candy and Other Sweets: Recipes and a general discussion of chemical reactions that occur in candy making, general suggestions and tests for stages of sugar cookery.

Preservation of Food: Canning, freezing, preserving and jelly making, and

pickling, and a number of receipes for each method of preservation.

The Etiquette and Service of the Table: Discussion of table etiquette, invitations, seating arrangements, general eating deportment, arrangement for the table, styles of serving with or without a maid, afternoon tea, receptions, party service, community meals, picnics, menu writing, rules for meal planning, garnishing of food, carving, table etiquette for the hotel and a chart of silverware for the table. Practical gracious standards emphasized.

Practical Cookery, 1956 edition, gives a chemical and physical description of cooking procedure and terms, is up to date in discussion of methods of food preparation, home mixes, and measurements, besides being a source of numerous recipes for both the experienced and inexperienced cook. The discussions and recipes are written clearly for easy understanding by the inexperienced cook.

IONE PETERSEN

#### This I Tried and Found Helpful

#### R is for Re-Write

Olive C. Wehr, Custer County Junior College, Miles City, Montana

The first impulse a student seems to entertain upon receiving a low mark on a theme is to crumple the offending paper and toss it into the nearest wastebasket. The marks of correction, however carefully made by his instructor, have little significance for him. Consequently, he has learned little, if anything, from the experience.

In order to make the correction marks more meaningful, the writer introduced the letter R as a substitute grade for any unsatisfactory theme; it indicates that the theme is below par and will receive a grade when it is rewritten according to

instructions. The student is thus given a second chance and receives further needed practice in writing. Usually he can salvage his original idea and make it presentable with further work. This appeals to his sense of fair play and is an incentive to improve. He learns by experience to adapt for himself the practice of the professional writer in revising and re-writing.

The R is recorded in the grade book as well as the grade earned on the re-written theme. The final grade may even be an A, although this may mean a series of rewrites.

#### Junior College Directory, 1958

Compiled and Edited by

#### AMERICAN ASSOCIATION OF JUNIOR COLLEGES

JESSE P. BOGUE, Executive Secretary

The Directory contains information about junior colleges in the United States, its territories, Canada and a few other nations. The list comprises both accredited and non-accredited institutions. In general, institutions have not been included when they have not been designated as junior colleges by state departments of education. Every reasonable effort has been made to secure accurate information about each college. In this undertaking heavy reliance has been placed on the accuracy of the reporting junior college.

Separately organized junior colleges on campuses of senior colleges, general colleges, or lower-divisions of four-year colleges and universities have been included only if they are active members of the American Association of Junior Colleges. Undergraduate centers and extension centers, as in Pennsylvania and Wisconsin, are included in the listings in view of the fact that they are essentially two-year colleges.

More extensive and detailed information about junior colleges may be secured in *American Junior Colleges*, fourth edition, edited by Jesse P. Bogue, and published by the American Council on Education, 1785 Massachusetts Avenue, N.W., Washington 6, D.C., 1956.

#### Definition of Terms

Administrative Head. Each institution's designation of its administrative head has been accepted. The official title has been indicated following the name. It is assumed that this person is the one to whom correspondence should be addressed. It is not implied that in all cases the designated administrative head holds final administrative responsibility for the college.

Accreditation. The American Association of Junior Colleges does not act as an accrediting agency. Member institutions are prohibited by constitutional provisions from indicating, implying, or publicizing accreditation by this Association. Types of accreditation or equivalent recognition or approval are indicated by symbols as follows:

State Department of Education; the Board of Education in the District of Columbia; the Junior College Accrediting Commission in Missispip; the Provincial Department of Education in Canada.

D-Indicates accreditation by the above

D1—Indicates approval to operate as a junior college

D2—Indicates recognition as a junior college Association of State Colleges or equivalent, State University, State College, or equivalent institutions in states which do not have a state

A-Indicates full accreditation

A1-Indicates provisional accreditation

A2-Indicates formal approval

REGIONAL ACCREDITING ASSOCIATION

E-New England Association

M-Middle States Association

N-North Central Association

S-Southern Association

T-Western College Association

W-Northwest Association

X—Affiliation with the Catholic University of America if not affiliated with one of the regional accrediting associations.

Y—Affiliation with the University Senate of the Methodist Church if not affiliated with one of the regional accrediting associations.

Type. Three main types are distinguished: Coeducational, for men only, and for women only indicated by C., M., and W., respectively. Negro junior colleges are indicated by "N" following the name of the institution.

Control. The primary basis for classification is twofold: institutions publicly controlled and institutions privately controlled. The first group is divided into state, local or municipal, union district, county, and joint county junior colleges; the second into those under denominational control or affiliation, non-denominational and nonprofit institutions, and proprietary institutions. The following abbreviations are used:

A.M.E.—African Methodist Episcopal

A.M.E.Z.—African Methodist Episcopal Zion

A. of God-Assembly of God

Br. in Chr.-Brethren in Christ

Ch. of Chr.-Church of Christ

Ch. N. J.-Church of New Jerusalem

Cong. Chr.-Congregational and Christian

Disc. Chr.-Disciples of Christ

Ev. M. C.-Evangelical Mission Covenant

E.U.B.—Evangelical United Brethren

Free Meth.-Free Methodist

Friends-Society of Friends

L. D. S .- Latter Day Saints

Pent. Hol.-Pentecostal Holiness

Pil. Hol.-Pilgrim Holiness

Presbyter.—Presbyterian

Ref. Ch. Am.—Reformed Church in America R. L. D. S.—Reorganized Church of Latter Day Saints

S.-Day Adv.—Seventh-Day Adventist

Un. Ch. Can.—United Church of Canada

Wes. Meth.-Wesleyan Methodist

Year Organized. Each institution was asked to report the year it was organized as a junior college. In some cases the date of origin of an institution which later developed into a junior college may have been given.

Enrollment. Enrollment data are given for the year June 1, 1956, to May 31, 1957, unless otherwise stated. A "special student" is defined as a student who is not classified as either a freshman or sophomore because he is carrying less than a full-time load but who can be considered to be working toward a degree, diploma, or certificate. An "adult student" is defined as one who is above the compulsory school age and who would not be classified as a freshman, sophomore or special student.

Faculty. The number of faculty is given for the same year as the student enrollment. The full-time faculty equivalent total is the sum of the full-time faculty and the full-time equivalent of the part-time faculty.

Membership. Membership in the American Association of Junior Colleges is indicated by an "M" or a "P" depending upon whether the membership is full or provisional. Active membership is open to any college which has received complete accreditation or equivalent recognition of any of the types indicated under "accreditation" above. Provisional membership is open to newly organized institutions and to others which have not yet received such recognition.

TABLE I
Summaries for All Junior Colleges by States

	Num-	in A	.A.J.C		Stu	dent Enroli	lment, 1956	-57	Fa	culty, 1956	-57 Tota
	ber of Col-	tive Mem-	Provi- sional Mem-		Fresh-				Full-	Part-	Full- time Equiv
State	leges	bers	bers	Total	man	more	Special	Adult	Faculty	Faculty	alens
Alabama	9	8	**	2169	1364	654	109	42	74	63	104
Arizona	2	2	**	4243	1055	555	120	2513	86	2	88
Arkansas	4	4	**	2511	1266	731	138	376	62	30	73
California	69	60		414428	137147	57976	42986	176319	4894	5191	6253
Colorado	8	8		8928	2088	1170	428	5242	211	168	249
Connecticut	8	6		11751	1607	924	742	8478	202	431	342
Delaware	1	1		225	129	79	17	******	17	9	22
Dist. of Col	7	6	1	3162	1610	1486	66		170	56	193
Florida	12	12	**	9813	3762	2078	1972	2001	271	137	314
Georgia	18	13		11021	3272	1818	253	5678	235	119	285
Idaho	5	3		5223	1525	929	550	2219	127	41	143
Illinois	28	20	1	35947	16055	6853	6543	6496	514	927	821
Indiana	19	1		25626	9855	2637	5042	8092	225	624	388
lowa	24	22	**	13558	2963	1782	723	8090	214	283	316
Kansas	20	18	1	7444	3394	1899	325	1826	182	261	301
Kentucky	12	11	_	3640	2087	1257	136	160	167	61	192
Kentucky			**					100		3	192
Louisiana	1	1		45	17	15	13	20	12	-	
Maine	4	3	0.0	646	368	206	40	32	44	21	52
Maryland	16	9	**	4567	2657	925	322	663	186	72	206
Massachusetts	19	17	**	11297	4552	2686	253	3806	437	280	528
Michigan	19	17	**	28570	10138	4643	4951	8838	546	461	700
Minnesota	11	11		9813	1570	789	219	7235	137	149	199
Mississippi	22	17		9888	4708	2979	1019	1182	524	87	545
Missouri	21	17		12326	4638	3256	488	3944	524	223	637
Montana	3	3		693	309	170	32	182	37	30	50
Nebraska	5	3		2257	777	397	153	930	66	42	80
Nevada	1	1		419	89	45	46	239	20	25	28
New Hampshire	1	1	**	501	245	235	21		47	5	49
New Jersey	11	7	_	4096	2361	1162	475	98	200	85	191
New Mexico	2	1		331	221	66	21	23	16	24	28
New York	34	18	**	37310	8315	5090	5479	18426	1001	888	1249
North Carolina	23	18	**	9815	4849	2510	997	1459	376	179	443
North Dakota	4	4	**	2151	1122	528	26	475	77	39	90
	7	6		6614	734	341	1031	4508	31	305	168
Ohio	16	11	-	7430	3884	1928	1101	517	218	151	281
Oklahoma			**		1213	522	1410	169	135	73	159
Oregon	4	4	**	3314							663
Pennsylvania	28	11	**	21709	4489	2336	8119	6765	382	1023	
Rhode Island	1	1	**	377	41	15	177	144	5	42	14
South Carolina	10	6	1	1678	916	508	213	41	85	48	104
South Dakota	3	2	**	361	117	110	134	*****	15	27	25
Tennesssee	8	6	1	2580	1507	904	109	60	153	43	172
Texas	46	42	**	67486	28851	13906	9287	15442	1454	884	1753
Jtah	4	4		6095	1650	869	826	2750	142	137	184
Vermont	2	2		589	332	239	18		41	6	43
Virginia	13	12	_	9257	2654	1555	1689	3359	354	121	409
Washington	11	10		27155	4432	1956	2557	18210	313	488	430
West Virginia	3	3		1672	1026	578	68		74	5	75
Wisconsin	34	1		9380	2197	1263	2247	3673	180	290	269
Wyoming	4	4	-	3402	658	379	129	2236	57	107	88
Maska	4	4		2730	126	59	1308	1237	28	66	64
Canada	5	2		1335	441	148	621	125	67	45	87
Canal Zone	i	ī	**	691	96	72	66	457	5	28	12
	i		**	738	172	70	200	296	25	12	31
Cuba	1	****	**	137	75	62	200	270	12	7	13
Greece		****	ī				124	17		4	27
Hawaii	2	****		357	126	90	124	17	26		
Puerto Rico	1	5555	1	219	129	90	*****	*****	15	5	17
					291981			335070	15718		20261

TABLE II
Summaries for Public Junior Colleges by States

			AJ.C.		Sme	lent Enroll	ment 1056	_57	Fe	culty, 1956	-57
State	Num- ber of Col- leges	Ac- tive Mam-	Provi- sional Mem- bers	Total	Fresh-	Sopho- more	Special	Adult	Full- time Faculty	Part- time Faculty	Total Full- time Equive
Alabama	1	****		252	153	99			15	*****	15
Arizona	2	2	**	4243	1055	555	120	2513	86	2	88
Arkansas	2	2	**	960	375	217	34	334	28	8	31
California	63	55		413485	136657	57668	42964	176196	4817	5164	6164
Colorado	7	7	99	8397	1744	984	427	5242	168	160	204
Florida	7	7		6920	2348	875	1782	1915	191	104	214
Georgia	9	7		9065	2241	1253	131	5440	152	70	183
Idaho	3	2	-	3802	918	598	357	1929	82	20	90
Illinois	16	13	1	32438	14688	6110	6099	5541	383	743	625
Indiana	15	1		25354	9767	2544	4951	8092	201	605	358
Iowa	16	15		11098	1636	946	619	7897	56	247	143
Kansas	14	13	_	6355	2822	1576	238	1719	140	197	227
Kentucky	1	1	-	573	430	143	200		9	11	15
Maryland	11	6		4072	2359	741	309	663	144	49	158
Massachusetts	2	2	-	755	252	146	151	206	6	71	28
Michigan	16	15	-	28254	9952	4536	4937	8829	513	443	661
Minnesota	9	9		9432	1366	621	210	7235	102	140	160
Mississippi	15	14	**	8805	4191	2611	942	1061	453	56	475
Missouri	8	8	-	8075	2605	1443	128	3899	208	136	279
Montana	3	3	**	693	309	170	32	182	37	30	50
Nebraska	4	3	**	2120	692	349	149	930	51	39	64
Nevada	i	1	**	419	89	45	46	239	20	25	28
New Jersey	2	2	**	1153	681	269	203		31	23	43
	2	î	**	331	221	66	21	23	16	24	28
New Mexico	17	-	**	35433	7324	4357	5336	18416	829	763	1029
New York	5	11	**	3179	1044	500	424	1211	46	91	78
North Carolina	4	4	**		1122	528		475	77	39	
North Dakota	1	-		2151			26		"	-	90
Ohio		1	**	527	205	31	8	283	104	70	40
Oklahoma	13	9	-	6990	3658	1798	1017	517	194	122	246
Oregon	2	2	**	1657	1040	429	88	100	103	14	108
Pennsylvania	13	1	**	16859	2262	891	7748	5958	178	839	391
Tennessee	1	1	**	755	449	285	21	7.5.400	52	5	52
Texas	35	32		65072	27501	13142	9009	15420	1355	784	1605
Utah	4	4		6095	1650	869	826	2750	142	137	184
Virginia	2	2	-	6613	1278	560	1540	3235	170	51	189
Washington	10	10		27102	4426	1956	2510	18210	313	479	427
West Virginia	1	1		578	324	210	44	******	39	1	39
Wisconsin	30	1		9034	2018	1141	2202	3673	150	270	232
Wyoming	4	4	-	3402	658	379	129	2236	57	107	88
Alaska	3	3	**	2683	113	55	1308	1207	10	65	46
Canada	2	****	**	621	131	90	400	*****	34	34	49
Canal Zone	1	1	**	691	96	72	66	457	5	28	12
TOTALS	377	280	1	776493	252850	111858	97552	314233	11663	12266	15236

TABLE III
Summaries for Private Junior Colleges by States

	Num-	Men in A	A.J.C.		Stud	ent Enrolls	nent, 1956	-57	Fac	ulty, 1956	
State	ber of Col- leges	tive Mem-	Provi- sional Mem- bers	Total	Fresh- man	Sepho- more	Special	Adult	Full- time Faculty	Part- time Faculty	Total Full- time Equiva alent
Alabama	8	8		1917	1211	555	109	42	59	63	89
Arkansas	2	2		1551	891	514	104	42	34	22	42
California	6	5	**	943	490	308	22	123	77	27	89
Colorado	1	1	-	531	344	186	1		43	8	45
Connecticut	8	6		11751	1607	924	742	8478	202	431	342
Delaware	1	i	**	225	129	79	17	0410	17	9	22
Dist. of Col.	7	6	1	3162	1610	1486	66		170	56	193
Florida	5	5		2893	1414	1203	190	86	80	33	100
Georgia	0	6	**	1956	1031	565	122	238	83	49	100
	2	1	**								
Idaho	12		***	1421	607	331	193	290	45	21	53
Illinois		7		3509	1367	743	444	955	131	184	196
Indiana	4		-	272	88	93	91		24	19	30
Iowa	8	7	**	2460	1327	836	104	193	158	36	173
Kansas	6	5	1	1089	572	323	87	107	42	64	74
Kentucky	11	10		3067	1657	1114	136	160	158	50	177
Louisiana	1	1		45	17	15	13	*****	12	3	12
Maine	4	3		646	368	206	40	32	44	21	52
Maryland	5	3		495	298	184	13	-	42	23	48
Massachusetts	17	15		10542	4300	2540	102	3600	431	209	500
Michigan	3	2	-	316	186	107	14	9	33	18	39
	2	2	**	381	204	168	9	,	35	9	39
Minnesota	7	3	-	1083			77	191		31	
Mississippi			**		517	368		121	71		70
Missouri	13	9	**	4251	2033	1813	360	45	316	87	358
Nebraska	1		-	137	85	48	4	*****	15	3	16
New Hampshire	1	1	**	501	245	235	21	******	47	5	49
New Jersey	9	5		2943	1680	893	272	98	169	62	148
New York	17	7	**	1877	991	733	143	10	172	125	220
North Carolina	18	14	-	6636	3805	2010	573	248	330	88	365
Ohio	6	5		6087	529	310	1023	4225	31	235	128
Oklahoma	3	2		440	226	130	84		24	29	35
Oregon	2	2	-	1657	173	93	1322	69	32	59	51
Pennsylvania	15	10	**	4850	2227	1445	371	807	204	184	272
Rhode Island	1	1	**	377	41	15	177	144	5	42	14
	10	6	ï	1678	916	508	213	41	85	48	104
South Carolina			1					41			
South Dakota	3	2	-	361	117	110	134		15	27	25
Tennessee	7	5	1	1825	1058	619	88	60	101	38	120
Texas	11	10	**	2414	1350	764	278	22	99	100	148
Vermont	2	2	44	589	332	239	18		41	6	43
Virginia	11	10		2644	1376	995	149	124	184	70	220
Washington	1	****		53	6	*****	47	*****	******	9	3
West Virginia	2	2		1094	702	368	24	*****	35	4	36
Wisconsin	4			346	179	122	45		30	20	37
Alaska	1	1	**	47	13	4		30	18	1	18
Canada	3	2	**	714	310	58	221	125	33	11	38
	1		**	738	172	70	200	296	25	12	31
Cuba		****	-			62	200	290	12	7	15
Greece	1	****	-	137	75		194	17			
Hawaii	2	****	1	357	126	90	124	17	26	4	27
Puerto Rico	1	****	1	219	129	90	*****	*****	15	5	17
TOTALS	275	195	6	93227	39131	24672	8587	20837	4055	2667	5025

# Directory of Junior Colleges, 1958

			divi				O. Contract	рэрп		Studen	Students, 1956-57	-57		18	Faculty 1956-57	
Institution	Location	Administrative Head	и ветреги	Accred- itation	Type	Control or Affiliation	ixed as a Jr. Coll.		Total	Fresh.	Soph.	Spe- cials	Adults	Full.	Part-	Equito- aloni Full- Time
ALABAMA Publicky controlled Alabama State Coll. Br. (N)Mobile	<u>e</u>	S. D. Bishop, Dean	1	DAS	Ü	State	1936	2	252	153	8		1	15		15
Alabama Christian College Montgon Daniel Payre College (N) Birming Marion Institute (N) Marion Sacred Heart College Cullman St. Joseph's Prp. Seminary Holy Tri Snead Jr. College Boaz Southern Union College Wadley Walker College Jasper	Montgomery Birmingham Marion Cullman Holy Trinity Boaz Wadley	Rex A. Turner, Pres. H. D. Gregg, Pres. C. D. Glover, Pres. Mother M. S. Sevier, Pres. Rev. Killian Mooney, Custod. Virgill McCain, Pres. Walter Graham, Pres. D. J. Rowland, Pres.	MANAMANA	S A A S S A S A S A S A S A S A S A S A	CODMAGOO	Ind. A.M.E. 195 Ind. Catholic Catholic Methodist Cong. Chr.	1942 1953–54 1919 1940 1925 1925 1935 1938	22222222	277 265 211 140 24 555 314	219 125 155 86 16 318 175	58 66 56 51 195 107 14	32	45	13 6 6 12 12 12 6	16 18 18 18 7 7 4	14 15 16 15 18 8
ARIZONA Publicky controlled Eastern Arizona Jr. College Thatcher Phoenix College	cher	P. E. Guitteau, Pres. R. J. Hannelly, Dean	MM	DAN	OO	County District	1921 1920	2121	707	182	83	111	431 2082	22	2	8,23
ARKANSAS Publicly controlled Arkansas State Coll.—Beebe Br. Beebe Fort Smith Jr. College.	Smith	Carl R. Reng, Pres. Elmer Cook, Pres.	MM	DA	00	State Local	1932 1928	22	123 837	71 304	52 165	34	334	9	77	22
Privately controlled Little Rock Jr. College Southern Baptist College Walnu	Little Rock Walnut Ridge	Carey V. Stabler, Pres. H. E. Williams, Pres.	MM	NO	00	Ind. Baptist	1927 1941	014	1311	776	456 58	25	42	25	18	31
CALIFORNIA Publicly controlled Allan Hancock College American River Jr. College Del P.	Santa Maria Del Paso Hgts.	Wm. S. Houpt, Dir. Bill J. Priest, Pres.	MM	DT	OO	District District	1920 1955	2121	1108	218 870	346	181	602 872	14	14	22

THE JUNIOR COLLEGE JOURNAL FOR JANUARY 1958

							20
45 100 100 100 100 100 100 100 100 100 10	85 15 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	5722451	314 354 364 364 364	88484	32 138	8228828	4 128 181
70 112 23 41 13 9							111 220 250
1128 282 282 283 283						15 5 8 3 8 3 8 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	106
2762 3475 783	5010 1426 189	8270 7075 452 17				228 228 17 17 1937 4372 6989	3813
m		10000	<b>m</b> : : :	-			
	272 8665 95 95		390	355 211 1572	1082	20 20 60	7626
337 763 16 512 512 171 77	386 386 2691 310 906	577 391 77 55	3389 9916 1164 1260	2711 2711 275 810 810	202 237 237 1485 126 565 565	3541 119 303 370 933	1004
410 1281 77 77 1266 430 233 5586	2167 2167 5469 1001 1550	1465 684 238 86	8092 3646 5809	3016 7436 650 1401 576	1482 425 1036 3797 509 1327	84 6049 245 701 1185 2190	2010 2893
3587 7227 353 6736 11435 339 339	5789 1813 8160 2832 2739					354 27034 401 2941 5994 3214	453
20000000	101010101	222222	200000	12222000	2040000	1000000000	222
1929 1913 1955 1916 1915 1932	945 947 947 910	946 927 920 924 924	929 929 950 950	949 949 926 947	941 942 934 947	1947 1924 1926 1926 1916 1942	926
* · ·	ist.	ist. 1	i i			-1	
ft.Un.Di District District Un. Dist Un. Dist Local	District District District Jn.S.Dis.	t.Un.Dist. t.Un.Dist. District Jn. Dist.	Ont. District District District District	District District District District	Jocal Jn. Dist. Jistrict Jn. Dist. Jistrict District	Unified District Un. Dist. (t.Un.Dist District Un. Dist.	otate Jn. Dist. Jn. Dist.
0000000	00000	000000	00000	000000	2000000	00000000	200
						£	
TOTAL	11000	T TT	11111	FEFFE	111 111	1444444 144444	TL
MMMMMM	MMMM	ZZZZ	ZZZZ	ZZZZZ	NNN NE	MANAMA	MM
MMMMMM	S. S.	MMM	MMMM	KEEREE	EZ ZZZ	MMMMM	MM
4	Dir.	, Dir. M	Dir. M	Dir.	Pres. MM	Ss. M Ss. M Ss. M M res. M res	Pres. M I
. જી જે અં	Dir.	rin. nann, Dir. M n, Dir. M	in, Ass. Supt. M Dir. M Dir. M	as, Dir. M as, Dir. M Pres. M Pres. M	Pres. M Pres. M S. Dir. M Pres. M Pres. M	her, Dir. M r. Pres. M r. Pres. M ses. M n. Pres. M	iry, Pres. M I her, Prin. M I
. જી જે અં	Dir.	id, Prin. Ehmann, Dir. , Pres. M rman, Dir. M ek, Dir.	ardi, Dir. M. Casey, Dir. M. M. Casey, Dir. M. M. epard, Dir. M. M. Epard, Dir. M.	Wilber, Dir. M. Soultas, Dir. M. Sastin, Pres. M. Sall, Pres. M. Ilint, Pres. M.	ick, Pres. M. dams, Dir. M. dams, Dir. M. M. olodgers, Pres. M. son, Pres. M. m.n, Pres. M. m.n, Pres.	A. Huber, Dir. M. dorf, Pres. M. M. S. Dir. M. Epler, Pres. M. M. S. Pres. M. M. Genson, Pres. M. Genson, Pres. M. S. Vice-Pres. M. Vice-Pres. M. S. Vice-Pres. M. Vi	insbury, Pres. M I hatcher, Prin. M I
. જી જે અં	Dir.	i. Keid, Prin. d D. Ehmann, Dir. hing, Pres. Waterman, Dir. Mararasek, Dir.	ombardi, Dir. M M. Given, Dir. M Given, Dir. M Shepard, Dir. M	s P. Wilber, Dir. M. T. Coultas, Dir. M. H. Austin, Pres. M. McCall, Pres. M. C. Flint, Pres. M.	Patrick, Pres. M. Patrick, Pres. M. G. Adams, Dir. M. V. Rodgers, Pres. M. V. Tounn, Pres. M. J. Dunn,	ick R. Huber, Dir. M. angsdorf, Pres. M. hires, Dir. M. M. m. E. Epler, Pres. M. Voble, Pres. M. itephenson, Pres. M. itephenson, Pres. M.	L. Thatcher, Prin. M. I.
Barker, Pres. Burnight, Pres. Mailiken, Pres. Eisenbise, Dir. Niland, Dir. Martin, Pres.	Dir.	inn N. Ked, Prin. Erhard D. Ehmann, Dir. K. Ching, Pres. W. Waterman, Dir. M. F. Karasek, Dir. M. Present P. Decon.	onge E. Doson, Ass I Sup. M. M. M. Lombardi, Dir. M. M. Ishon J. Casey, Dir. M. M. Given, Dir. M. M. Shepard, Dir. M. Sh	ancis P. Wilber, Dir. M. Malter T. Coultas, Dir. M. M. Mard H. Austin, Pres. M. Oy C. McCall, Pres. M. M. Win, C. Flint, Pres. M. M. Carl H. Edinger, Pres. M. M. Carl H. Edinger, Pres. M.	y L. Patrick, Pres. M. Andrews, Pres. M. Andrews, Pres. M. Andrews, Dir. M. Dibert V. Rodgers, Pres. M. H. Peterson, Pres. M. W. Dunn, Pres. M. M. W. Dunn, Pres. M. Pres. M. Dunn, Pres. M. Andrews, Pres. M. M. Peterson, Pres. M. Pres. M. Dunn, Pres. M. Pres. M. M. Dunn, Pres. M. Pr	ederick R. Huber, Dir. M. H. Shires, Dir. M. M. Sphenes, Dir. M. Mphen E. Epler, Pres. M. W. Noble, Pres. M. H. Stephenson, Pres. M. M. Wennes, Vice-Pres. A. M. Wennes, Vice-Pres. A. R. M. Wennes, Vice-Pres.	hn L. Lounsbury, Pres. M I
. જી જે અં	z, Dir. k, Pres. res. ir.	John N. Keid, Prin. Gerhard D. Ehmann, Dir. J. F. Ching, Pres. E. W. Waterman, Dir. M. C. F. Karasek, Dir. George F. Patson, A.	John Lonbard, Dir. M Raymond J. Casey, Dir. M John N. Given, Dir. M Is John B. Shepard, Dir. M	Francis P. Wilber, Dir. M. Walter T. Coultas, Dir. M. Ward H. Austin, Pres. M. Roy C. McCall, Pres. M. Cakvin G. Plinin, Pres. M. Oscar H. Edinger Pres. M.	Roy L. Patrick, Pres. M. Roy L. Patrick, Pres. M. Frank G. Adams, Dir. M. Robert V. Rodgers, Pres. M. B. H. Peterson, Pres. M. John W. Dunn, Pres. M.	Frederick R. Huber, Dir. M. W. B. Langsdorf, Pres. M. Stephen E. Epler, Pres. M. O. W. Noble, Pres. M. H. Stephenson, Pres. M. H. Stephenson, Pres. M. H. Stephenson, Pres. M. H. M. Stephenson, Pres. M. H. M. Stephenson, Vice-Pres. F. A. Reumen, Vice-Pres.	o John L. Lounsbury, Pres. M I Walter L. Thatcher, Prin. M I
I. F. Barker, Pres. Ralph Prator, Pres. R. F. Burnight, Pres. D. B. Milliken, Pres. M. E. Eisenbise, Dir. W. P. Niland, Dir. Paul Martin, Pres.	Karl O. Drexel, Dir. es Benjamin K. Swartz, Dir. Forrest G. Murdock, Pres. Stuart M. White, Pres. H. Lyan Sheller, Dir.	F. C. F.	Hills	es I	Roy I Roy I Frank Robe B. H.	°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°	rdino John L. Lounsbury, Pres. M. I. Walter L. Thatcher, Prin. M. I.
I. F. Barker, Pres. Ralph Prator, Pres. R. F. Burnight, Pres. D. B. Milliken, Pres. M. E. Eisenbise, Dir. W. P. Niland, Dir. Paul Martin, Pres.	Karl O. Drexel, Dir. es Benjamin K. Swartz, Dir. Forrest G. Murdock, Pres. Stuart M. White, Pres. H. Lyan Sheller, Dir.	F. C. F.	Hills	es I	Roy I Roy I Frank Robe B. H.	lle O.S. St. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr	Schardino John L. Lounsbury, Pres. M. I.
I. F. Barker, Pres. Ralph Prator, Pres. R. F. Burnight, Pres. D. B. Milliken, Pres. M. E. Eisenbise, Dir. W. P. Niland, Dir. Paul Martin, Pres.	Karl O. Drexel, Dir. eles Benjamin K. Swartz, Dir. no Forrest G. Murdock, Pres. Suart M. White, Pres. H. Lynn Sheller, Dir.	Fullerton John N. Reid, Prin. Glendale Gerhard D. Ehmann, Dir. Salinas J. F. Ching, Pres. M. El Centro E. W. Waterman, Dir. M. Susanville C. F. Karasek, Dir. M. Grong Beach George F. Daton, A.	es Joseph Hills John John Maries Joseph Mills John Maries Joseph Mills Joseph Maries M	Los Angeles Francis P. Wilber, Dir. M. Van Nuys Walter T. Coultas, Dir. M. Water T. Coultas, Dir. M. Modesto Ward H. Austin, Pres. M. Monterey Calvin, C. Filmt, Pres. M. Pomona Oscar H. Edinger Pres. M.	Roy I Roy I Frank Robe B. H.	lle O.S. St. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr	an Bernardino John L. Lounsbury, Pres. M I
I. F. Barker, Pres. Ralph Prator, Pres. R. F. Burnight, Pres. D. B. Millken, Pres. M. E. Eisenbise, Dir. W. P. Niland, Dir. Paul Martin, Pres.	Karl O. Drexel, Dir. es Benjamin K. Swartz, Dir. Forrest G. Murdock, Pres. Stuart M. White, Pres. H. Lyan Sheller, Dir.	F. C. F.	Los Angeles J. Los Angeles J. Woodland Hills J.	Los Angeles F Van Nuys V Kentfield V Modesto F Monterey (C	Roy I Roy I Frank de Rober esa B. H.	TBOSOHE"	San Bernardino John L. Lounsbury, Pres. M I
L. F. Barker, Pres.  Bakersfield Ralph Prator, Pres.  Norwalk R. F. Burnight, Pres.  Ontario D. B. Milliken, Pres.  M. E. Eisenbise, Dir.  Condinga W. P. Niland, Dir.  Compton Paul Martin, Pres.	Concord Karl O. Drexel, Dir. Los Angeles Benjamin K. Swartz, Dir. Flesno Forrest G. Murdock, Pres. Fresno Staart M. White, Pres. Fullerton H. Lynn Sheller, Dir.	Glendale Gerk Salinas J. F. El Centro E. W Susanville C. F.	lege Wilmington Bus. Los Angeles Josephas. Los Angeles Josephes Josephes Josephes Josephes Josephes Woodland Hills Josephes Josephes Josephes Woodland Hills Josephes	Coll. Los Angeles F lege. Van Nuys Ventfield V Modesto F Monterey C Pomona	Napa Roy I Oakland Frank Oceanside Robe Costa Mesa B. H. San Marcos John	Blythe Fr Pasadena W Porterville O. Ricedley St Riverside O. Sacramento H. Hollister F	ege San San
ge Lancaster L. F. Barker, Pres. Bakersfield Ralph Prator, Pres. Norwalk R. F. Burnight, Pres. Ontario D. B. Milliken, Pres. M. E. Eisenbise, Dir. Coalinga W. P. Niland, Dir. Compton Paul Martin, Pres.	Coll. Concord Karl O. Drexel, Dir. College Los Angeles Benjamin K. Swartz, Dir. For Coming For Forest G. Murdock, Pres. Fullerton H. Lynn Sheller, Dir.	Glendale Gerk Salinas J. F. El Centro E. W Susanville C. F.	lege Wilmington Bus. Los Angeles Josephas. Los Angeles Josephes Josephes Josephes Josephes Josephes Woodland Hills Josephes Josephes Josephes Woodland Hills Josephes	Coll. Los Angeles F lege. Van Nuys Ventfield V Modesto F Monterey C Pomona	Napa Roy I Oakland Frank Oceanside Robe Costa Mesa B. H. San Marcos John	Blythe Fr Pasadena W Porterville O. Ricedley St Riverside O. Sacramento H. Hollister F	ege San San
ge Lancaster L. F. Barker, Pres. Bakersfield Ralph Prator, Pres. Norwalk R. F. Burnight, Pres. Ontario D. B. Milliken, Pres. M. E. Eisenbise, Dir. Coalinga W. P. Niland, Dir. Compton Paul Martin, Pres.	Coll. Concord Karl O. Drexel, Dir. College Los Angeles Benjamin K. Swartz, Dir. For Coming For Forest G. Murdock, Pres. Fullerton H. Lynn Sheller, Dir.	Glendale Gerk Salinas J. F. El Centro E. W Susanville C. F.	lege Wilmington Bus. Los Angeles Josephas. Los Angeles Josephes Josephes Josephes Josephes Josephes Woodland Hills Josephes Josephes Josephes Woodland Hills Josephes	Coll. Los Angeles F lege. Van Nuys Ventfield V Modesto F Monterey C Pomona	Napa Roy I Oakland Frank Oceanside Robe Costa Mesa B. H. San Marcos John	Blythe Fr Pasadena W Porterville O. Ricedley St Riverside O. Sacramento H. Hollister F	ege San San
ge Lancaster L. F. Barker, Pres. Bakersfield Ralph Prator, Pres. Norwalk R. F. Burnight, Pres. Ontario D. B. Milliken, Pres. M. E. Eisenbise, Dir. Coalinga W. P. Niland, Dir. Compton Paul Martin, Pres.	Coll. Concord Karl O. Drexel, Dir. College Los Angeles Benjamin K. Swartz, Dir. For Coming For Forest G. Murdock, Pres. Fullerton H. Lynn Sheller, Dir.	Glendale Gerk Salinas J. F. El Centro E. W Susanville C. F.	lege Wilmington Bus. Los Angeles Josephas. Los Angeles Josephes Josephes Josephes Josephes Josephes Woodland Hills Josephes Josephes Josephes Woodland Hills Josephes	Coll. Los Angeles F lege. Van Nuys Ventfield V Modesto F Monterey C Pomona	Napa Roy I Oakland Frank Oceanside Robe Costa Mesa B. H. San Marcos John	Blythe Fr Pasadena W Porterville O. Ricedley St Riverside O. Sacramento H. Hollister F	ege San San
ge Lancaster L. F. Barker, Pres. Bakersfield Ralph Prator, Pres. Norwalk R. F. Burnight, Pres. Ontario D. B. Milliken, Pres. M. E. Eisenbise, Dir. Coalinga W. P. Niland, Dir. Compton Paul Martin, Pres.	Coll. Concord Karl O. Drexel, Dir. College Los Angeles Benjamin K. Swartz, Dir. For Coming For Forest G. Murdock, Pres. Fullerton H. Lynn Sheller, Dir.	Glendale Gerk Salinas J. F. El Centro E. W Susanville C. F.	lege Wilmington Bus. Los Angeles Josephas. Los Angeles Josephes Josephes Josephes Josephes Josephes Woodland Hills Josephes Josephes Josephes Woodland Hills Josephes	Coll. Los Angeles F lege. Van Nuys Ventfield V Modesto F Monterey C Pomona	Napa Roy I Oakland Frank Oceanside Robe Costa Mesa B. H. San Marcos John	Blythe Fr Pasadena W Porterville O. Ricedley St Riverside O. Sacramento H. Hollister F	ege San San
L. F. Barker, Pres.  Bakersfield Ralph Prator, Pres.  Norwalk R. F. Burnight, Pres.  Ontario D. B. Milliken, Pres.  M. E. Eisenbise, Dir.  Condinga W. P. Niland, Dir.  Compton Paul Martin, Pres.	Karl O. Drexel, Dir. es Benjamin K. Swartz, Dir. Forrest G. Murdock, Pres. Stuart M. White, Pres. H. Lyan Sheller, Dir.	Glendale Gerk Salinas J. F. El Centro E. W Susanville C. F.	lege Wilmington Bus. Los Angeles Josephas. Los Angeles Josephes Josephes Josephes Josephes Josephes Woodland Hills Josephes Josephes Josephes Woodland Hills Josephes	r. College Van Nuys V Kenffeld Van Andre V Kenffeld V Ollege Monterey C	ge Napa Roy I ge Napa Roy I go Oakland Frant e Oceanside Robe Costa Mesa B. H San Marcos John	lle O.S. St. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr. Tr	ege San San

			diven				Organ-	populo		Studen	Students, 1956-57	-57			Faculty 1956-57	1
Location Administ	Administ	Administrative Read	Membe	Accreditation	Type	Control or Affiliation	as a Jr. Coll.		Total !	Fresh.	Soph.	Specials	Adults	Full.	Part.	Squito-
San Francisco Louis G. Conlan, Pr	Louis G. Conl H. R. Buchsel	Conlan, Pres.	M	DT	OU	Local	1935	22	9120		3061	1911	4583	232	104	237
Obispo F	Frank C. Hol	t, Prin.			C	District	1936	2			55	92	257	2	30	18
_	Julio L. Bort	ulio L. Bortolazzo, Pres.			J	District	1922	2 11			910	460	8200	122	152	175
Santa Ana John E. Johnson, Pres.	John E, John	ohn E, Johnson, Pres.			U	District	1915	20	1431		267	93	464	42	6	4:
	Wade Thoms	is, Jr., Pres.				State	1929	2 18			3632	777	8377	250	67	250
losa	Randolph Ne	wman, Pres.		DT		District	1918	2			524	380	3602	68	66	101
Visalia L. Crookshanks, Pres	C. A. Collver	ks, Pres.		DI	٥	District	1926	S 6 S 6			900	179	1903	4	010	43
	Harold M. We	aver, Pres.		DT		District	1936	101			217	30	851	31	9	まる
Stockton Burke W. Bradley, Pres. Taft Garlyn A. Basham, Dir	Burke W. Brack	lley, Pres.	ZZ	DT		District IIn Diet	1935	20	1300		118	279	2900	112	143	153
	Cecil A. McDo	nald, Pres.		DT	00	Local	1945	101			289	5	250	35	1	35
	Phil H. Putnan Joseph P. Cosa	n, Dir. nd, Dir.	MM	DI	OO	Un. Dist. District	1929	99		2356	1367	* · · · · · · · · · · · · · · · · · · ·	1128 2562	74	124	107
Marysville J. J. Collins, Pres	J. J. Collins, Pr	ęş.		DT	5	District	1927	2		581	237	486	1204	45	62	63
Oakland Ernest F. Scaer, Pres. San Francisco Eugene W. Smith. Pr	Ernest F. Scaer, I	Pres.	M	D2A2		Lutheran	1918	20	72	37	29	9	1	15	-	15
	H. R. Roodhouse	Dir.	M	T		Nonprofit	1917	100	13	200	300	1		900	1	900
Stockton J. K. Humphreys, Pres. Los Angeles Robert J. Cox, Pres. Menlo Park William F. Krett Pres	J. K. Humphreys Robert J. Cox, P William F. Kratt	res.	ZZZ	DAF	وںں	Nonprofit FreeMeth.	1941	220	1117	35	328	15	35	35°	14 9 9	222
								1					6 6 6 6	1	•	1
Durango Charles D. Rea, Pres. Lamar Homer C. Kelley, Pre	Charles D. Rea, Homer C. Kelley	Pres.	MM	DA DA2	OU	State	1927	22	386	135	111	26	140	18	17	18
nction	Horace J. Wubbe	Pres.	MM	D AZN		County	1925	20	784	525	241	84 6	950	37	36	18
La Junta W. L. McDivitt, Pres.	W. L. McDivitt, F	res.	×	DA2		County	1941	1010	360	178	53	348	95	16	200	17
Trinidad Dwight C. Baird, Pres	Dwight C. Baird	sen, Fres.	ZZ	DA2	υU	County	1933	70	219	202	319	243	1263	24	25	31
Denver Eugene E. Dawson, Pres.	Eugene E. Dawso	n, Pres.	M	DAN	A	Nonprofit	1920	2	531	344	186	1	i	43	00	45

22

17

17

62

129

225

2

Methodist 1942

U

AMY

M

J. Paul Slaybaugh, Pres.

118352

2722012

12 8 10 10 65 28826 143

183 1427 119

111 235 334 52

869 210 181 745 2411 2322 182

22222222

Jr. County 1947
County 1957
County 1957
County 1933
Jl. County 1948
County 1949

0000000

ZZZZZZ

Jt. County 1 County

# CONNECTICUT

## DELAWARE

	Dover
Privately controlled	Wesley Junior College

# DISTRICT OF COLUMBIA

	Washington Washington Washington Washington Washington Washington
Privately controlled	Georgetown Visitation Jr. Coll George Washington U. Jr. Coll Holton-Arms Jr. College Immaculata Jr. College Marjorie Webster Jr. College Mount Vernon Jr. College

200 41 77 4

2008

1160 125 100 57 23

93 1030 37 89 112 112 84

168 2190 63 136 175 175

1919 1930 1929 1920 1927 1954

Catholic Nonprofit Nonprofit Catholic Propriet. Nonprofit

BUBBBBU

M AM DO DO D

Mother M. Cecilia Clark, Pres. M. I. George M. Koehl, Dean M. M. I. M. I. M. I. Sister Mary Joan, Pres. M. I. Sister Mary Joan, Pres. M. I. George W. Lloyd, Pres. M. I. John J. Humphrey, Pres. P. D. John J. Humphrey, Pres. P. D. D. John J. Humphrey, Pres. P. D. J. Humphrey, Pres. P. D. J. Humphrey, Pres. P. D. D

### FLORIDA

C. G. Skaggs, Pres.	ohn W. Rembert, Pres.	ed W. Booker, Pres.	. I. Leonard, Pres.	I. L. Ashmore, Pres.	fichael M. Bennett, Pre	G. T. Wiggins, Pres.	
Marianna	St. Petersburg	Panama City	Lake Worth	Pensacola	St. Petersburg	Washington Junior College (N)Pensacola	

		Jacks	Tami	Jacks	Orlar	Babs
		(N)	ge			
-	trolled	College	an Colle	Jacksonville University	College	Webber College
	Privately controlled	Waters	Christia	ville Un	Junior	College
	Priva	Edward	Florida	Jackson	Orlando	Webber

4	9	13	8	7	
21	12	28	14	S	
22	*******		6		
41	20	41	88	******	
170	69	732	220	12	
291	137	641	315	30	
579	226	1414	632	42	
2	7	7	2	2	
1930	1946	1934	1941	1927	
				Nonprofit	
U	U	U	U	B	
DAS	S	S	D2A1	D2A	
M	Z	M	M	M	
Wm. B. Stewart, Pres.	James R. Cope, Pres.	Franklyn Johnson, Pres.	Morris S. Hale, Jr., Pres.	Paul C. Staake, Pres.	
ksonville	npa	ksonville	ando	bson Park	

			djy					popn		Srude	Students, 1956-57	6-57			Faculty 1956-57	
Institution	Location	Administrative Head	и обто М	Accred- itation	Type	Control or Afiliation	ized as a Jr. Coll.	Years Inch	Total	Fresh.	Soph.	Specials	Adults		Full. Part.	Equivolent pull- Time
Publicly controlled Publicly controlled Abraham Baldwin Agri. Coll. Armstrong College of Savannah Augusta Junior College Georgia Military College Gordon Military College Gordon Military College South Georgia College West Georgia College	Titton Savannah Augusta Milledgeville Manericus Barnesville Cochran Douglas Carrollton	G. P. Donaldson, Pres. Foreman M. Hawes, Pres. G. B. Robins, Pres. I.Oyd A. Moll, Pres. C. T. B. Harris, Pres. L. E. Roberts, Pres. W. S. Smith, Pres.	MM   MM   MM   DODODOSSO	SSS SS	೦೦೦೬೦೦೦೦	State Local County Local State Local State State State State State State	1933 1935 1925 1926 1927 1928 1927 1933	999999999	1782 1606 1606 178 452 241 511 550	323 236 110 110 259 323 344 296	234 90 69 63 183 183 160 160	70 70 10 10 118 118	4225 1210 5	22 118 123 33 33 118 118 127 272	404 11 28 48	22 2 2 9 18 8 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4
Andrew College. Andrew College. Birdwood Junior College. Brewton-Parker Jr. College. Emmanuel College. Emory at Oxford Norman College. Reinhardt College. Truett McConnell College.	Cuthbert Thomasville Mt. Vernon Franklin Sprgs. Oxford Norman Park Norman Park Cleveland	G. W. Gambill, Pres. J. W. Hendricks, Sr., Pres. M. A. Murray, Pres. W. G. Drum, Pres. V. Y. C. Eady, Dean G. N. Atkinson, Pres. J. R. Burgess, Jr., Pres. Joe H. Miller, Pres. Charles R. Clegg, Pres.	MMMMM X	Y S D A S Y S Y S Y S Y S X X X X X X X X X X X	000000000	Methodist Baptist Baptist Pent, Hol. Methodist Baptist Methodist Methodist	1917 1954 1927 1933 1928 1928 1983 1946	2121214212121	160 42 185 130 227 227 350 146 494	44 100 85 109 1151 1109 342	20 6 75 75 75 75 75 75 75 75 75 75 75	43 43 43 43 43	190 100 32	25 88 171 100 100 171	11225336	20 20 20 20 20 20 20 20 20 20 20 20 20 2
Publicty controlled Boise Junior College Lewis-Clark Normal School North Idaho Jr. College Privately controlled College of St. Gertrude Ricks College	Boise Lewiston Coeur d'Alene Cottonwood	E. B. Chaffee, Pres. D. R. Theophilus, Pres. G. O. Kildow, Pres. Mother M. A. Uhlenkott, Pres. J. L. Clarke, Pres.	M M M	M M M M	000 ≥0	District State District Catholic	1932 1955 1933 1956 1956	000 00 000	2953 210 639 65 1356	632 113 173 22 585	386 97 115 22 309	337 20 187	331 158 15 275	20 20 45	8 11 01	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
HLINOIS  Publich controlled Belleville Junior College	Belleville	K. L. Edwards, Dean	M	DA	O	Local	1946	21	1635	185	150	E	1300	60	72	37

JU	NIOR COLLEGE DIRECTORY		287
18	24522423222228 <b>0</b>	10 110 112 112 113 115 115 115 115 115 115 115 115 115	30 24 24 24 24 24 24 24 24
31	248884774888884 274444444444444444444444	11 20 8 8 62 12 7 7 7 8 8 8 8 3 3 3 3 3	\$ 25 4 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1
2	32 22 110 170 2 2 1 1 15 15 2 2 2 2 2 2 2 2 2 2 2 2 2	5 13 13 14 14 14 15 26 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	13 20 5 5 11 11 11
132	897 490 221 1642 351 351	928	432 77 468 626 1028 3374 331 115
20	63 26 26 4065 652 15 752 32 10 10 10 16 64	34 24 10 7 7 5 114 108 6 6	250 250 350 350 350 350 45
74	423 682 40 40 912 2794 131 175 111 95 65 65 44 44	245 245 245 245 245 247 247 117	200 250 280 516 130 280 240
06	1487 507 1961 1961 7416 237 1119 507 193 225 455 410 101 353	16 19 19 19 19 433 433 104 104 224	208 208 11099 11196 2200 685 808 808
316	1973 508 6938 0862 383 1826 714 804 561 561 2335 998 520 685	72 184 351 33 157 1245 268 42 68 142 877	2027 505 2167 2342 4104 11345 5960 1809
2	00000000000000	*******	**********
1940	1956 1934 1957 1946 1901 1929 1929 1926 1926 1927	1953 1934 1929 1918 1919 1940 1924 1927 1927	1932 1948 1948 1948 1941 1941
Local	Local Local Local Local Local Local District Un. Dist. Local District Local Local District Local	Catholic Methodist Presbyter. Catholic Nonprofit Ev. M. C. Nonprofit Catholic	State State State State State State State State
U	00000000000000	BOOMBOOMEDOO	000000000
DA	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	NN N N N N N N N N N N N N N N N N N N	ZZZZZZZZ
M	M MAMMAMMAM M	MM MMM MM	11111111
R. O. Birkhimer, Dean	T. H. Trimble, Ass't Dean L. M. Hrudka, Dean J. M. Sachs, Dean P. Masiko, Jr., Dean P. Masiko, Jr., Dean Mary Miller, Dean G. I. Renner, Dean E. M. Rowley, Dean F. H. Dolan, Dir. G. S. Olsen, Supt. G. T. Gilluly, Dean H. J. White, Dean H. J. White, Dean J. D. Logsdon, Supt.	Sister M. Innocenta, Pres. W. M. Westenberg, Pres. R. N. Dooley, Pres. Sister M. Lucy, Dean R. T. Sharpe, Pres. Clarence A. Nelson, Pres. W. W. Grimm, Dean Rt. Rev. L. Vohs, Pres. C. J. Merie, Rector Rev. D. Pielischifter, Rector F. Joseph Mullin, Pres. Andrew A. O'Laughlin, Dean	Harold E. Burns, Dir. Robbert N. Huff, Dir. Ralphe E. Broyles, Dir. John C. Buhner, Dir. Virgil Hunt, Dir. Smith Higgins, Dir. Jack I. Detzler, Dir. Byron F. Laird, Dir. J. Howard Hill, Dir. J. Howard Hill, Dir.
Chirang City Ir. CollegeCentralia	Amundsen Branch. Crane Branch. Crane Branch. Coulcago Southeast Branch. Chicago Wilson Branch. Chicago Wright Branch. Chicago Wright Branch. Chicago Darville Junior College. La Salle-Peur-Oglesby Jr. College. Moline Community College. La Salle-Peur-Oglesby Jr. College. Moline Community College. Moline Moline College. Mil Vernon Thornton Junior College.	Privately controlled Kendall College Evanston Lincoln College Lincoln Mallinckrodt College Wilmette Monticello College Alton North Park Coll & Theol. Sem. Chicago Peoria College Peoria St. Bede Jr. College Peru St. Joseph's Seminary Belleville St. Joseph's Seminary Westmont Shimer College Mt. Carroll Springfield Jr. College.	Publicly controlled diana University Extension Centers Calumet East Chicago Earlham College Richmond Gary Indianapolis Indianapolis Kokomo Kokomo South Bend-Mishawaka South Bend Southeastern Jeffersonville Vincennes Vincennes
Centralia 7	Amundeen Brach Southeast Branch Southeast Branch Wilson Branch Darville Junior Celle La Salle-Peru-Ogl Lyons Twep. Jr. Chyons Twep. Jr. Chyon Twe	Privately control The Felician College. Lincoln College. Lincoln College. Mallinekrodt College. Morth Park College. St. Bede Jr. College. St. Bede Jr. College. St. Joseph's Semin St. Joseph's Semin Shimer College.	INDIANA Publicly controll Indiana University Extension Center Calumet Calumet Earlham College Fort Wayne Gary Indianapolis Kokomo South Bend-Misl South Bend-Misl

.00		1111	Journa .	orrend locking ton limen.	- 33 -
	Equiv- oleni Full- Time	35 35 11 19	1372	20 20 20 20 20 20 20 20 20 20 20 20 20 2	34
Faculty 1956-57	Part-	29 50 62 17 8	81004	8 114 116 118 118 118 118 119 119 119 119 119	- 00
I IS	Full.	25 20 20 17	2 9 2 4	4810 814 54417	31
	Adults	378 95 68 60		289 493 20 336 29 257 1194 333 86 221 103 900 2399 448	
5-57	Specials	606 1195 750 98 132 5	20 10 58 58	1 8 110 110 113 50 50 7 7 7 7 112 24 24 24 24 26 88 68 88 26 26 26 26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	46
Students, 1956-57	Soph.	68 68 200	30 16 22 25	202 202 202 203 203 204 204 205 205 205 205 205 205 205 205 205 205	19 271
Stude	Fresh.	139 309 184 19	22 22 17	198 198 110 110 110 95 95 96 96 96 156 111 1112 1117	54
	Total	1191 1711 1070 98 211 507	53 58 100 100	395 795 97 602 146 493 363 1156 363 11815 246 11053 3006 703	73
popu	Years Incl.	ยอยอยอ	010000	<pre>000000000000000000000000000000000000</pre>	22
	ised as a Jr.	1944 1943 1945 1955 1945	1937 1921 1939 1949	1927 1920 1930 1946 1928 1928 1929 1923 1923 1923 1923	1955 1915
	Control or Affiliation	State State State State State State	Catholic Nonprofit Catholic Catholic	Local	Chr. Ref. RLDS
	Type	OOOMOO	BOMB	000000000000000000000000000000000000000	OO
	Accred- itation	ZZZZZ	QXXX	N A P P P P P P P P P P P P P P P P P P	A1 DAN
diy	Members	W IIII	1111	MMMMMMMM MMM MM	×
	Administrative Head	R. M. Bateman, Dir. M. E. Gyte, Dir. Cilford Larson, Dir. C. W. Beese, Dean Robert Schwarz, Dir. Dr. I. K. Beckes, Pres.	Sister M. Loyola, Dean Francis C. Baptist, Dir. Rev. John S. Smerke, Rector Mother Cecilia, Superior Gen.	Robert D. Heyen, Dean D. D. Stonebocker, Dean Louis R. Newsham, Dean Paul B. Sharar, Dean F. M. Herring, Dean Carl E. Thorson, Dean Earl Cope, Supt. R. K. Lauger, Supt. of Schools Walter B. Hammer, Dean Paul Seydel, Dir. James A. McKinstry, Dean B. R. Miller, Principal C. H. Beem, Dean James F. Loper, Dean	B. J. Haan, Pres. W. S. Gould, Act'g Pres.
	Location	Fort Wayne Hammond Indianapolis Lafayette Michigan City	Donaldson 1. Fort Wayne Lake Wawasee Huntington	Boone Burlington Centerville Clarinda Clinton Creston Creston Creston Creston Creston Fagle Grove Fametsburg Esherville Fort Dødge Keokuk Marshalltown Mason City Muscatine	Sioux Center Lamoni
	Institution	Purdue University Extension Centers Fort Wayne Tech. Hammond Tech. Indianapolis Tech. Lafayette Tech. Michigan City Tech.	Privately controlled Ancilla Domini College Fort Wayne Art Schl & Museum Our Lady of the Lake Seminary. Victory Noll Junior College	Publicty controlled Boone Junior College. Burlington Carteville Community College Clarinda Junior College Clinton Junior College Creston Junior College Eagle Grove Junior College Eagle Grove Junior College Elsworth Junior College Enmesbhurg Junior College Entherville Junior College Fort Dodge Junior College Rockuk Community College Rockuk Community College Marshalltown Jr. College Mason City Junior College Mason City Junior College	Privately controlled Dordt College Graceland College

JUNIOR COLLE	GE DIRECTORY		289
19 22 21 21 21	112929 2338 22 252 251	140001	3 8 12 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2
08C004	12 27 27 27 27 27 27 27 27 27 27 27 27 27	10 3 7 17 110 110 110 110 110 110 110 110 11	13 13 13 14 18
17 32 14 20 20 18	11 827 84 88 87 87 87 87 87 87 87 87 87 87 87 87	113 113 113 113	111 111 111 111 112 113 113 113 113 113
19 32 142	244 449 190 25 81 81 53	100	r
1 1 1	35 31 31 31 31 31 32 33	£ 4512124	36 9 1 1 1 1 1 1 1 1
106 101 84 106 106	127 207 102 79 88 89 89 89 89 89 101 101 101	27 101 21 40 40 118	143 117 78 321 122 92 41 22 159
299 100 91 127 91 185	234 1117 2291 189 251 108 86 350 190 86 209	48 48 84 43 150	430 120 233 100 414 1128 131 22 50 26
406 248 224 354 160 298	040 218 983 983 754 754 140 140 663 339 549	70 452 81 136 61 289	295 359 178 735 224 124 73
0000000	*************	2000000	N 0000000040
1925 1928 1918 1928 1925 1920	1922 1936 1937 1927 1919 1920 1928 1923 1923 1938		1916 1924 1927 1927 1927 1944 1944
Lutheran Catholic Catholic Ref. Ch.A. Catholic Lutheran	District District Local District Local	FreeMeth, Catholic Friends Mennonite Methodist Lutheran	Baptist Baptist Baptist Nonprofit Baptist Presby. Methodist Catholic Disc. Chr. Presby.
OBBOBO	000000000000000000000000000000000000	000000	0000000
M M DAN	MWWW MWWW DAA DAA DAA DAA DAA DAA DAA DAA DAA		W WWWWW W
	AAAAAA .AAAAA		
Ernest D. Nielsen, Pres. Sister M. A. Kennedy, Dean Mother M. Regis Cleary, Pres. Preston J. Stegenga, Pres. Sister M. A. Kennedy, Dean Sigvald D. Fauske, Pres.	K. R. Galle, Dean H. A. Jester, Dean Karl M. Wilson, Dean Guy C. Davis, Dean Tilghman H. Aley, Dean C. W. Trogdon, Dean A. H. Elland, Dean Ellsworth R. Briggs, Dean Fred Cinotto, Dean Fred Cinotto, Dean C. W. Harvey, Dean	Elmer E. Parsons, Pres. Sister Jerome Keeler, Dean Sheldon G. Jackson, Pres. Roy D. Roth, Pres. C. A. Mundinger, Pres.	K. G. Matheson, Fres. W. Edwin Richardson, Pres. John M. Carter, Pres. J. M. Boswell, Pres. R. G. Landolt John B. Horton, Pres. Mother M. Luke, Pres. Lewis A. Piper, Pres. A. A. Page, Pres.
Des Moines Cedar Rapids Clinton Orange City Ottumwa	Kansas City Chanute Coffeyulle Dodge City E. Dorado Fort Scott Garden City Highland Hutchinson Independence Iola Kansas City Ransas City Parsons	McPherson Kansas City Haviland Hesston Miltonville Winfield	Paducah Hopkinsville Campbellsville Pippa Passes Williamsburg Jackson Columbia Loretto Midvay
Grand View College.  Mount Mercy Jr. College.  Mount Saint Clare College.  Northwestern College.  Ottumwa Heights College.  Waldorf College.  KANSAS.	Arkansas City Jr. College. Chante Junior College. Coffeyville College. Dodge City College. El Dorado Junior College. El Dorado Junior College. Fort Scott Jr. College. Highland Junior College. Hutchinson Junior College. Independence Community Coll. Independence Community Coll. Kansas City Jr. College. Kansas City Jr. College. Parsons Junior College.	Privately controlled Central College Donnelly College Friends Bible College Mitonyille Wesleyan College St. John's College KENTUCKY Publicy controlled	Paducah Junior College  Privately controlled Bethel College Campbellsville College Caney Junior College Lindsey Wilson College Lindsey Wilson College Lindsey Wilson College Loretto Junior College Midway Junior College Pikeville College Pikeville College

JUNIOR COLLEGE DIRECTORY		291
42022452503554 420228455503554 42022845550	11 11 12 13 13 13 13 13 13 13 13 13 13 13 13 13	- 82 II
8385525084848658888888888888888888888888888888	11. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	E 23
225 11 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 3 4 4 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1	19 7
		0
	463 1781 1781 1781 178 178 825 868 868 868 868 868 868 868 868	
08 1121 10440 84	48 1102 8 192 222 30 225 3182 227 227 227 435 154 33 33	04
75 184 288 132 274 274 15 162 100 59 20 160 160 160 160 20 20 20 20 20 20 20 20 20 20 20 20 20	43 5775 86 256 1132 48 551 48 399 262 249 131 1131 153	35
125 324 639 175 276 238 224 224 1114 60 688 688 452	115 109 903 241 2470 83 83 1461 1175 407 175 3360 207	28 85 75
230 627 927 1238 1238 133 323 323 323 343 80 80 80 82 2494 2494	669 219 3267 3267 3824 8810 289 289 2725 1455 1455 1455 1900 991	149 123
	13 1 1 1 2 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3	616161
1949 1942 1952 1902 1913 1934 1939 1939 1931 1931 1931	1952 1952 1954 1953 1953 1953 1954 1958 1958 1959 1959	1909 1873 1923
Nonprofit 1	Local	Catholic FreeMeth, Lutheran
POOPOOOPPEREZEZO	0020000000000000	₹00
D E Y D E Y D E Y D E Y D D E Y D D E D D D E D D D E D D D D E D D D D E D D D E D D D D E D D D D E D D D D E D D D D E D D D D D D D D D D E D	DDDDNDNDANDANDDDDDDNDNDANDANDANDANDANDAN	×ee
M MANANA MANAN	MMMM MMMMMMMM	MM
Thomas G. Carr, Pres. Warren C. Lanc, Pres. Judson R. Buller, Dean Dorothy M. Bulle, Pres. C. F. Burdett, Pres. Irving T. Richard, Pres. Matthew J. Malloy, Pres. William G. Garner, Pres. Sanford L. Fisher, Pres. Sanford L. Fisher, Pres. Gladys Beckett Jones, Pres. Raymond G. Wass, Pres. Paul R. Swan, Pres. James L. Conzad, Pres. James L. Conzad, Pres. James L. Conzad, Pres. H. Russell Beatty, Pres. H. Russell Beatty, Pres.	Stanley E. Van Lare, Dir. Eric J. Bradner, Denn. C. G. Beckwith, Pres. A. J. Dolio, Dean Clyde E. Blocker, Dean Jacob A. Solin, Dir. Jerob A. Solin, Dir. Fred K. Eshleman, Dean Grant O, Withley, Dean Grant O, Withley, Dean A. G. Umbreit, Dir. Presson N, Tanis, Dir. James C. Browning, Dean A. G. Umbreit, Dir. James C. Browning, Dean Walter E. Bradley, Dean	Rt. Rev. E. F. Falicki, Rector Roderick J. Smith, Pres. David T. Halkola, Pres.
Longmeadow Worcester Boston Bradford Broton Cambridge Boston Beverly Beston Auburndale Leicester Loudley Wellesley Boston Auburndale	Alpena Battle Creek Bay City Bay City Benton Harbor Big Rapids Flint Flint Crowood Grand Rapids Dearborn Jackson Lansing Muskegon Traverse City Port Huron	Grand Rapids Spring Arbor Hancock
Privately controlled Bay Path Junior College Backer Junior College Becker Junior College Bradford Junior College Bradford Junior College Cambridge Junior College Cambridge Junior College Chamberlayne Junior College Endicott Junior College Fisher Junior College Fisher Junior College Lasell Junior College Lasell Junior College Lasell Junior College Pire Manor Junior College Pire Manor Junior College Pire Manor Junior College Pire Manor Lasell Pure Manor Junior College Pire Manor Junior College Pire Manor Junior College Pire Manor Junior College Pire Manor Junior College	MICHIGAN  Publicly controlled Alpena Community College Battle Creek Community College Community College Community College Community College Community College Ferrislnst Cen.Col.&Pre-prof.Div. Fint Junior College Gogebic Community College Grand Rapids Junior College Grand Rapids Junior College Henry Ford Community College Highland Park Junior College Highland Park Junior College Lansing Community College Muskegon Community College Northwestern Michigan College Port Huron Junior College Port Huron Junior College	Privately controlled St. Joseph's Seminary Spring Arbor Junior College Suomi Coll. & Theological Sem
		anarona a sprana prila a a pe

	*	INNESOTA Publick controlled		Brainerd Junior College			e c	lege.	Privately controlled	Bethany Lutheran College		Coahoma Junior College (N)(Copiah-Lincoln Junior College)	1			-	1		1		llege		All Saint's Episcopal Jr. Coll. Clarke Memorial College
	Location		Austin	Brainerd	Eveleth	Hibbing Coleraine	Rochester	Worthington		Mankato St. Paul		Clarksdale Wesson	Decatur	Scoopa	Goodman	Fulton	Meridian	Booneville	Senatobia	Perkinston	Summit	Moornead	Vicksburg Newton
	Administrative Head		Reuben I, Meland, Dean	J. E. Chalberg, Dean I. Loso, Dean	E. T. Carlstedt, Dean	John J. Neumaier, Dean Harold E. Wilson, Dean	Charles E. Hill, Dean	W. Donald Olsen, Dean		B. W. Teigen, Pres. W. A. Poehler. Pres.		Benjamin F. McLaurin, Pres. F. M. Fortenberry, Pres.	W. A. Vincent, Pres.	K. A. Harbour, Pres.	F. B. Branch, Pres.	Philip A. Sheffield, Pres.	J. D. Carson, Dir.	H. Hinton, Pr	R. D. McLendon, Pres.		H. T. Huddleston, Pres.		W. G. Christian, Rector W. L. Compere, Pres.
dive	Member Accred		Q	90	D	M DAN M DAN	9	0		W W		90	DA	20	DA	DA	DA	DA	V O	DA	4	0	M DAS
			U	UU	O	UU	UU	O		UU		UU	U	٥٥	C	U	טט	O	٥٥	O	O	ر	BO
	Control or		District	District Local	Local	Local District	Local	District		Lutheran		State Jt. County	Jt. County	County	Jt. County	District	Local	Jt. County	Jt. County	Jt. County	Jt. County	Jr. County	Episcopal Baptist
Orsome	coll.		1940	1938	1918	1916	1915	1936		1926				1927	1925							1920	1908
	Years Incl					22		-		22		22	2			-	-				210		22
	Total F		000	625	303	357	838	208		102 279		365 459	524	247	388	675	200	196	205	532	331	110	335
Studen	Fresh.		264	72	74	254	214	109		146		152 285	317	390	251	385	155	355	247	306	170	730	155
Students, 1956-57	Soph.		20	30	30	125	117	4		35		182	191	220	109	285	28	223	102	196	88	2	103
-57	Specials		10	40	101	27	130	28.		6		318	16	272	28	200	010	130	200	27	91	n	202
	Adults		1656	504	197	369	2377	327					******	110		6	279	253	185	130	65	2	57
-	Full.		=	01	· w	17	30	34		92	1	30	36	25	24	15	23	27	56	22	21	18	12
Faculty 1956-57	Pert Time		13	90	14	11	288	10		90	)	2	9	200	ın	14	× -	600	- 0	0 4	1	1	200
.	Squite- alend Full- Time		14	10	00	21	55	7 00		12	i	32	38	27	28	ន	23.0	8	58	24	22	18	10

JUNIOR	COLLEGE DIRECTORY			
26 27 11 5 6 17	28 28 28 28 21 21 30 44 6	30 153 153 30	18 25	13
1040	14 20 74 11 10	101 133 28 8 10 10 10 10 10 10 10 10 10 10 10 10 10	24 2	128
13 3 17 17 3	20 20 3 3 3 3 3 4 4 5 5 4 4 5 5 4 4 5 6 6 6 6 6 6 6 6 6	20 20 20 20 20 20 20 20 20 20 20 20 20 2	111 25	8 01
05.0	356 225 2919 201	8	103 69 10	200
37	6.25.55	105 3 5 2 8 6 6 6 8 3 3 3 4 4	32	45
35 37 35 35 35	73 44 154 154 739 45 201 32	148 70 48 1121 37 5 53 41 899 899 134	8 3 159	82
110 62 65 52 52	142 427 80 353 11115 87 331 70	225 177 1113 190 47 47 49 30 62 245 550 85	41 15 253	135
207 163 153 105	413 582 485 787 4835 339 532 102	523 250 1166 339 84 27 102 73 88 560 1485 132 422	152 119 422	460
40000	20420000	202222222222222	200	8181
1921 1932 1932 1930 1927	1922 1930 1926 1938 1915 1915 1915	1913 1918 1928 1928 1929 1921 1921 1921 1923 1900	1939 1940 1929	1941 1926
Nonprofit Presby. Episcopal Nonprofit Methodist	District Local District Local Local District Dosal District District District	Disc. Chr. Nonprofit A. of God Baptist Propriet. Catholic Catholic Lutheran Baptist Nonprofit Lutheran Christian	County County State	Local District
≱∪∪∪∪	00000000	BBCCCBMBCCBMB	000	00
DAS DDAS DAS	NNN N	NN	¶ App	QQ
MIM	MAMMAMM	MM MM MMMM	MMM	MM
William G. Dwyer, Pres. Harry A. Brandt, Pres. W. Milan Davis, Pres. J. E. Johnson, Pres. Felix Sutphin, Pres.	Gayle Simmons, Dean Glynn E. Clark, Pres. Joe Nichlols, Ir., Dean Maurice L. Litton, Dean Miles G. Blim, Dean Roy F. Buntin, Dean Marion E. Gibbons, Dean E. I. Geyer, Dean	Kenneth Freeman, Pres. Blanche H. Dow, Pres. Klaude Kendrick, Pres. L. A. Foster, Pres. Frederick Marston, Dean Very Rev. E. F. Riley, Rector Mother M. B. Springrose, Pres. Lambert J. Mehl, Pres. John W. Dowdy, Pres. John W. Dowdy, Pres. J. M. Sellers, Pres. J. M. Sellers, Pres.	K. D. Smith, Dean Harvey A. Larson, Dean L. O. Brockmann, Pres.	F. Don Maclay, Pres. Ralph G. Brooks, Pres.
Gulfport West Point Okolona Prentiss Mathiston	Flat River St. Louis Jefferson City Joplin Kansas City Moberly St. Joseph Trenton	Columbia Nevada Springfield Hannibal Boonville St. Louis O'Fallon Concordia Bolivar Columbia Lexington Fulton	Miles City Glendive Havre	Fairbury McCook
Gulf Park College Mary Holmes Jr. College (N) Okolona College (N) Prentiss Normal & Ind. Inst. (N) Wood Junior College.	MISSOURI  Publicly controlled Flat River Junior College Harris Teachers College Jefferson City Junior College Joplin Junior College Joplin Junior College Kansas City, Junior College St. Joseph Junior College St. Joseph Junior College Trenton Junior College Trenton Junior College	Christian College Cottey College Evangel College Hamibal-La Grange College Remper Military School Our Lady of the Ozarks, Coll. of St. Louis Prep. Seminary St. Mary's Junior College St. Paul's College Stephens College Stephens College Wentworth Military Academy William Woods College	MONTANA.  Publicly controlled Custer County Junior Colege Dawson County Junior College Northern Montana College	NEBRASKA Publicly controlled Fairbury College. McCook College.

\* Enrollment figures based on 1957 report.

75 58 37 15 58 58 15	87 27 27 25 165 39	37 23 23 38 38 38 50 50 50 50 50	113 20 20 20 20 20 20 20 20 20 20 20 20 20	26
110 48 14 14 13 13	5 208 1 57	20 20 32 20 6 9 9 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9	15 41 0 11	2
34818343	84 33 38 45 38	111 111 112 22 33 36 36 56 56 56 56 56 56 56 56 56 56 56 56 56	2125659	25
2712 470 259 1000 221 1712 123	311 150 9342 1326	10 10	101 78 248 784	80
996 44 38 4041 47	151 10 10 33	t semes 1 44 43 19 19 21 21 21 21	254 10 87 73	55
370 207 250 58 179 924 231	508 166 142 116 573 190 234	ling first 188 188 188 188 188 188 188 188 188 18	74 93 121 212	105
547 290 331 113 355 1931 320	710 301 219 134 801 334 354	Enrollii 140 165 165 165 135 86 32 11 6 6 95 113 113 113 114 113 114 114 117 116	107 139 373 102 323	253
3631 1493 1055 468 1534 7117 2310 289	1529 618 365 410 0717 527 1948	2229 2817 2817 2817 2818 2818 2818 2818 2818	536 320 829 102 1392	493
********	2222222	000000000000000000000000000000000000000	22222	2
1946 1944 1953 1950 1946 1950 1950	1937 1907 1941 1913 1938 1938	1957 1935 1935 1934 1952 1952 1953 1951 1954 1955 1955	1927 1949 1946 1947	1934
County State County Local County Local County State	State State State State State State County	Nonprofit Nonprofit Nonprofit Catholic	Local Local Local State County	Methodist 1934
00000000	0000000	MORMAMMAMACA	CCCAC	O
D A M D M M D M M D M M D D M M D D M D D M D	MMMMM	M D M D D M D D M D D A D D A D D M D M D M D M	D A D S	DYS
M M M	NN MMM	MM MM MM	M M M	M
Laurence E. Spring, Pres. L. L. Bethel, Pres. Otto V. Guenther Albert W. Baisler, Pres. Albert V. Payne, Pres. Otto Klitgord, Pres. Edwin H. Miner, Pres. Walter L. Willig, Pres.	Paul B. Orvis, Dir. Albert E. French, Dir. Ray L. Wheeler, Dir. W. R. Kunsela, Dir. William A. Medesy, Dir. Reyson N. Whipple, Dir. Philip C. Martin, Pres.	Lewis A. Froman D. A. Eldridge, Pres. Mrs. Clara M. Trad, Pres. Sister M. de Pazzi, Dean Rhea M. Eckel, Pres. Albert E. Meyer, Pres. Mother M. Geraldine, Pres. Very Rev. F. X. Dalsey, Rector Rev. Daniel, C. Roach, Dean Rev. Daniel, C. Roach, Dean Rev. P. J. O'Hara, Pres. Rev. E. J. O'Hara, Pres. Mother M. J. Ferrier, Pres. Rev. Edw. G. Mahoney, Pres. Paul D. Shafer, Pres. Chester L. Buxton, Pres. Chester L. Buxton, Pres.	Glenn L. Bushey, Pres. Edward H. Brown, Dir. Bonnie E. Cone, Dir. J. I. Mason, Dir. William M. Randall, Dean	E. K. McLarty, Jr., Pres.
Buffalo New York Troy Jamestown Utica Brooklyn Middletown Staten Island	Alfred Canton Cobleskill Delhi Farmingdale MorrisvilleWhite Plains	Albany Millbrook Briarcilf Manor Rochester Cazenovia Bronxville Blauvelt Hyde Park New York New York New York New York Partynown Tarrynown Tarrynown Rocklym Partynown Partynown Callicoon	Asheville Charlotte Charlotte Gastonia	Brevard
- 00 0 0 0 0	State University of New York Agricultural & Tech. Inst	Albany Junior College Bennett Junior College Bennett Junior College Gatherine McAuley Jr. College Casenovia Junior College Concordia Unior College Concordia Unior College Epiphany Apostolic College Exmard Preparatory Seminary Finch College Holy Cross Preparatory Seminary Finch College La Salette Seminary Mercy Junior College Our Lady of Hope Mission Sem Packer Collegiate Institute Pand Smith's College St. Joseph Seraphic Seminary	NORTH CAROLINA  Publicly controlled Asheville-Bilmore College Carver College (N) Charlotte College Gaston Technical Institute Wilmington College	Privately controlled Brevard College

190		THE JUNIOR COLLE	GE JOURNAL	FOR JANUARY 195	0
	Equie- alent Full- Time	38 40 40 40 40 40 40 40 40 40 40 40 40 40	71 421 45	22 23 40 77 77 77 77 77 77 77 77 77 77 77 77 77	2
Faculty 1956-57	Part-	2288882228820444002	25	70 28 28 75 44	0
19	Full.	35 25 25 25 25 27 7 7 7 7 7 8 8 8 19 9 9 9 9 9 19 19 19 19 19 19 19 19 19	12 12 51	55255	1
	Adults	8	415	283 406 2421 405 872 66	99
-51	Specials	34 9 9 9 9 119 119 2 2 2 2 2 3 3 3 117 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	15 5 6	8 400 1155 440	0
Students, 1956-57	Soph.	305 811 133 1133 1155 1155 61 61 10 60 60 60 64 112 81 81 81	95 20 62 351	31 98 117 58 37	:
Stude	Fresh.	559 170 391 25 229 229 229 161 68 68 122 92 1122 123 133 140 438 138 138	281 35 103 703	205 180 181 97 66	0
	Total	898 260 589 43 45 1130 266 77 77 63 300 142 220 142 230 196	791 70 184 1106	527 1084 2738 560 1467 173	00
papa	Years Inch	888888888888888888888888888888888888888	2222	N 01000000	N
	ised as a Jr. Coll.	1926 1931 1928 1931 1931 1922 1924 1917 1929 1929 1929 1929 1935	1939 1941 1925 1903	1938 1918 1919 1924 1924	1351
	Control or Affication	Baptist Baptist Baptist Lutheran Presby. Methodist Baptist Presby. Nonprofit Presby. Nonprofit Presby.	District Local State State	Local YMCA YMCA YMCA YMCA YMCA YMCA	Cn. of IN.J.
	BUX.L	000000000000000000000000000000000000000	0000	0 000000	د
	Accred- itation	DAS DDS DDS DDS DDS DDS DDS DDS DDS DDS	A A A A A A	D A N D Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	DA-
din	Метьвет	M M MMM MMM MM	MMMM	MMMM M	:
	Administrative Head	Leslie H. Campbell, Pres. Bruce E. Whitaker, Pres. P. L. Eliott, Pres. Wm. A. Kampschmidt, Pres. Gecil W. Robbins, Pres. Hoyt Blackwell, Pres. John Montgomery, Pres. John Montgomery, Pres. W. Burkette Raper, Pres. Col. T. O. Wright, Pres. William C. Pressly, Pres. William C. Pressly, Pres. Mother M. Maura, Pres. Richard G. Stone, Pres. Richard G. Stone, Pres. Arthur M. Bannerman, Pres. Budd E. Smith, Pres.	Sidney J. Lee, Dean F. H. Gilliland, Pres. C. N. Nelson, Pres. G. W. Haverty, Pres.	Asa S. Knowles, Pres. Joseph F. Frasch, Dir. Kenneth R. Miller, Pres. Richard L. Stanley, Dean C. C. Bussey, Pres. Richard C. Pfeffer, Pres.	n. E. Gauvey, Dir.
	Location	Buie's Creek Murfreesboro Georgensboro Greensboro Greensboro Gransburg Mars Hill Mount Olive Oak Ridge Raleigh Raton Makton Makton Belmont Raleigh Swannanoa Wingate	Bismarck Devils Lake Bottineau Wahpeton	Toledo Columbus Cincinnati Cincinnati Dayton Tiffin	Orbana
	Institution	Campbell College Chowan College Cardner-Webb College Immanuel Lutheran College (N) Lees-McRea College Louisburg College Mars Hill College Mount Olive Junior College Oak Ridge Mitiary Institute Peace College Pineland Coll. & Edws.Mil.Inst. Presbyterian Junior College Sacred Heart Junior College St. Mary's Junior College St. Mary's Junior College St. Mary's Junior College St. Mary's Junior College Warren Wilson College	NORTH DAKOTA  Publicly controlled Bismarck Junior College Devils Lake Junior College N. D. School of Forestry N. D. School of Science	OHIO  Publicly controlled Univ. of Toledo Junior College  Privately controlled Franklin University Salmon P. Chase College Sinclair College Sinclair College Tiffin University	Urbana Junior College

4
e
C
Ĭ
4
_
¥

	40 2 6 6 35 30 45 30 31 2 20 30 31 2 32 61 24 10 34 24 10 24 24 10 24 25 20 6 23 386 28 13 33 386 28 13 24 10 20 2 24 11 2 24 11 4 4	9 10 14 13 7 15 2 12 6	800	69 19 58 38	9 8 13	946 7 85 28 126 25 50 38 491 8 49 20 692 17 64 33 304 20 32 28 11151 9 140 44 73 2 45 13 1255 18 18 23
	294 119 2 8 8 29 211 143 13 5	3 65 16	75	1322	4	586 618 333 468 275 1386 603 1768
	20 272 272 273 273 274 175 188 188 188 188 188 188 188 188 188 18	57 43 30	359	75	29	129 129 68 68 121 127 127
	170 990 173 539 40 339 122 435 435 357 80 80	91 109 26	175	34	86	501 206 192 192 192 204 96 40 223
	230 1775 389 1004 95 531 205 1106 680 71 686 145 73	151 217 72	420	52 1605	149	1633 1191 960 1434 892 2682 716 3834 561
		2222	96	01	3	200848204
	1929 1927 1927 1938 1938 1920 1919 1930 1943 1938	1927 1950 1916	1949	1950	1938	1953 1939 1935 1948 1934 1953 1956 1949
	District State State State Local Local Local State Local Local Local Local Local Local Local Local	Baptist Nonprofit Catholic	District State	Lutheran Nonprofit	Local	State State State State State State State State
	0000000000	ZCC	MO	UU	C	000000000
	A N A NNN A N A	DA DA	A1 D	M W	DAM	AMMMMMMM AAAAAAAA
	M MAMMAMM	MM	MM	MM	M	
	A. G. Steele, Dean Clarence L. Davis, Pres. Jacob Johnson, Pres. E. T. Duntap, Press. Paul R. Taylor, Supt. Clive E. Murray, Pres. Bessie M. Hut, Dean Bruce G. Carter, Pres. V. R. Easterling, Pres. Col. H. M. Leddetter, Pres. Orville Johnson, Dean Arch Alexander, Pres. O. D. Johns, Supt.	Roger Wm. Getz, Pres. George Benson, Chancellor Rt, Rev. P. A. Berning, Pres.	Don P. Pence, Pres. Winston D. Purvine, Dir.	Thomas Coates, Pres. John S. Griffith, Pres.	V. H. Fenstermacher, Dean	Walter C. Stewart, Ad. Head R. E. Eiche, Ad. Head D. S. Hiller, Ad. Head I. H. Koobel, Ad. Head F. C. Kostos, Ad. Head D. T. Hopkins, Ad. Head J. M. Wirtz, Ad. Head Coleman Herpel, Ad. Head H. I. Herring, Ad. Head
	Altus Lawton Warner Wilburton El Reno Tishomingo Misskogee Misskogee Misskogee Poteau Sayre Sayre	Bacone Bartlesville Shawnee	Bend Oretach	Portland Portland	Hershey	Allentown Altoona Du Bois Erie Hazleton McKeesport New Castle Ogontz Pottsville
ONLAHOMA	ruduicty controlled Altus Junior College. Cameron State Agric. College. Connors State Agric. College. Eastern Okla. Akin College. El Reno Junior College. Murray State Agric. College. Muscaged Junior College. Northeastern Okla. Akin Coll. Northern Okla. Junior College. Oklahoma Military Academy. Poteau Community College. Sayre Junior College. Sayre Junior College.	Privatery controlled Bacone College Central Christian College St. Gregory's College	OREGON  Publicly controlled Central Oregon College. Oregon Technical Institute	Concordia College. Multnomah College.  PENNSYLVANIA Publicky controlled	ge.	

	quate- odensi Full- Time	19	10 5 5 14 15 16 17 18 18 10 10 10 10 10 10 10 10 10 10 10 10 10	14	16 8 19 19 19 19 14 14
Faculty 1956-57	Pert.	34	11 40 40 10 11 11 12 13 14 17 17 17 17 17 17 17 17 17 17	42	044416414
19	Full.	10	272 111 115 115 116 117 118 118 118 118	ro.	12 14 15 6 6 6 7 14
	Adults	216	30 30 1133 1130 150	144	11
F-57	Specials	357	1 103 3 3 143 18 115 10 10 85	771	28 28 28 28 2 10 10 10 10 10 10 10 10 10 10 10 10 10
Students, 1956-57	Soph.	12	23 532 18 10 10 10 17 17 52 10 11 17 54 18 54 18 54 18 54 18	15	62 171 143 143 172 272 272
Stude	Fresh.	113	31 23 10 10 131 131 171 18 64 64 63 63 63 63 63 63 63 63 63 63 63 64 63 64 63 64 64 63 64 64 64 64 64 64 64 64 64 64 64 64 64	41	124 48 53 77 77 77 94 94 37
	Total	757	55 1519 174 20 20 142 737 737 288 50 122 138 50 1118 603	377	229 108 96 274 415 29 10 10 151 65
popu		22	2222222222222222	53	***********
	tsed as a Jr. Coll.	1953 1953	1924 1947 1948 1948 1948 1957 1937 1938 1938 1938 1938	1948	1930 1955 1934 1935 1927 1929 1929
	Control or Affiliation	State	Ch. of N.J. Nonprofit Pil. Hol. Catholic Catholic Catholic Catholic Catholic Catholic Propriet. Nonprofit Nonprofit Nonprofit Nonprofit	Nonprofit	Baptist Nonprofit Nonprofit Baptist Baptist Catholic Methodist Methodist
	Type	UU	COCKERCORERCOC	O	ರರರರುತ್ತರರರರ
	Accreditation	AMAM	M X DDA M DDA M M DDA M M M DDA	Q	D <sup>2</sup> S S S S S S S S S S S S S S S S S S S
dis	Members	11	M MMM M MMM M	M	M MPAN M
	Administrative Head	W. P. Dickinson, Ad. Head J. B. Menoher, Ad. Head	Charles S. Cole, Jr., Ad. Head Wm. A. Schrag, Dean R. D. Gunsalus, Pres. Fr. A. J. Hankinson, Rector Sister M. Gregory, Dean Philip Klein, Pres. George W. Hoffman, Dir. Blake Tewkshury, Pres. Sr. Magdalene O'Reilly, Pres. C. Gordon Frantz, Pres. Jonathan W. French, Jr., Dir. Lt. Gen. M. G. Baker, Supt. J. G. Stoudt, Pres. J. G. Stoudt, Pres. J. G. Stoudt, Pres. J. G. Stoudt, Pres. J. F. Marvin Buechel, Pres.	H. W. Schaughency, Pres.	E. F. Haight, Pres. George C. Rogers, Dir. S. V. Moreland, Pres. James H. Goudlock, Pres. M. C. Donnan Mother M. Bernard, Pres. Arlie A. Adkins, Pres. R. B. Burgess, Pres. John F. Potts, Pres. R. C. Mullinex, Pres.
	Location	Wilkes-Barre York	Bryn Athyn Philadelphia Allentown Hollidaysburg Gwynedd Bryn Mawr Johnstown La Plume Fox Chase Cresson Chambersburg Ambler Wayne Wyomissing	Providence	Anderson Conway Rock Hill Rock Hill Tigerville Charleston Aiken Spartanburg Denmark Central
	Institution	Wilkes-Barre Center York Center	Academy of the New Church Com.Col.Xi'ech.Inst.ofTemple U. Eastern Pilgrim College Franciscan Preparatory Sem. Gwynedd Mercy Junior College. Harcum Junior College Johnstown Ctr. U. of Pittsburgh. Keystone Junior College Manor College. Manor College. Manor College. Penn Hall Junior College Penn Hall Junior College. Pa. Sch. of Hort, for Women. Valley Forge Mil. Jr. Coll. Wyomissing Polytech. Inst	RHODE ISLAND Privately controlled Roger Williams Junior College. SOUTH CAROLINA	Privately controlled Anderson College Coastal Carolina Junior College. Gilinton Junior College Friendship Junior College (N) North Greenville Junior College. Our Lady of Mercy Jr. College. Spartanburg Junior College. Spartanburg Junior College. Voorhees School & Jr. Coll. (N)

d		ø	
£	3	2	
ş	Ξ	3	
Ç		J	
5	ź	ė	
ä	2	2	
7		١	
Ē		١	
t	1	2	
E		2	
E		٦	
e		1	
ς		2	
ĕ	ø	٦	

UNIOR C	OLLEGI	DIRECTORY		-9:
9 11 9	25	22 12 14 14 19	1988 1988 1988 1997 1997 1998 1998 1998	33
39	ro	0041000	029 422553 100 100 100 100 100 100 100 100 100 10	47
1 8	52	118 117 117 118 9	13557 118359 1181 1181 1172 1173 1183 1183 1183 1183 1183 1183 1183	30
	9	36	112 313 313 310 310 326 225 258 258 65 65 65 67 67 67 67 67 67 67 67 67 67 67 67 67	88
116	21	10 19 5 32 18 18	272 266 754 10 10 10 10 142 400 474 1129 20 11210 20 11210 20 11210 20 11210 20 11210 20 20 20 20 20 20 20 20 20 20 20 20 20	232
26 21 21	285	130 160 105 77 27 56	111 369 831 1651 1651 100 220 220 220 220 220 242 244 177 177 177 177 177 177 177 177 177 1	333
41 37 39	449	228 247 167 119 108 67	141 1176 2035 265 140 98 857 857 674 179 671 723 660 674 179 179 824 824 824 901	341
85 216 60	755	368 426 313 203 203 204 206	636 3555 3620 758 262 205 205 6873 735 8115 133 9696 647 647 647 647 1035	758 1314
200	. 61	******	*******************	22
1921 1951 1918	1927	1940 1925 1849 1941 1923 1954	1949 1949 1927 1927 1928 1928 1928 1946 1946 1946 1946 1947 1946	1926
Mennonite Catholic Fr. Meth.	State	Catholic Ch. of Chr. Methodist Ch. of God Methodist Meth. Ep.	Local Local Local State County Local District District County County County County County County Local County Local County Local County County Local County Local County Local County Local County Local County Local County	District Un. Dist.
OBO	O	MOOOOOO	000000000000000000000000000000000000000	UU
444	DAS	S X S X	S S S S S S S S S S S S S S S S S S S	DA
MM	W	MMMMMA	MANAMANAN AND MANAMA	W i
	×	es. es.	ARRA RAR RARRARARA	4 :
Ronald von Riesen, Pres. Sister Anna Marie, Pres. Philip Harden, Pres.	Paul Meek, Dean	Br. Lambers Thomas, Pr. H. A. Dixon, Press. Horace N. Barker, Press. R. Leonard Carroll, Press. L. Fort Fowler, Press. Mrs. M. G. Boyd, Act. Pr. Levi Watkins, Press.	A. B. Templeton, Supt. Joseph M. Ray, Pres. E. H. Herdord, Pres. G. C. Hogue, Pres. G. C. Hogue, Pres. J. W. Pinkerton, Pres. E. L. Havin, Pres. J. W. Dillard, Pres. J. W. Dillard, Pres. James K. Kearns, Pres. James K. Kearns, Pres. Orval Pirtle, Pres. W. A. Hunt, Pres. Orval Pirtle, Pres. W. A. Hunt, Pres. Granton W. Williams Cruce Stark, Pres. W. J. Adkins, Pres. Ben W. Jones, Pres. Murry H. Fly, Pres. M. P. Baker, Pres. M. P. Baker, Pres. M. P. Baker, Pres. M. P. Baker, Pres. H. P. McLemore, Pres. J. R. McLemore, Pres.	Price R. Ashton, Pres. W. P. Moody, Pres.
Sps. 1				
Freeman Aberdeen Wessington S	Martin	Memphis Henderson Madisonville Cleveland Pulaski Morristown Memphis		Ranger San Antonio
Privately controlled Freeman Junior College Presentation Junior College Wessington Springs College	TENNESSEE  Publicly controlled Univ. of Tennessee, Martin Br	Privately controlled Christian Brothers College. Freed-Hardeman College. Hiwassee College Lee College Martin College Morristown Norm. & Ind. Coll. Owen College (N).	TEXAS  Publicity controlled Alvin Junior College Amarillo College Arlington State College Cisco Junior College Cisco Junior College Clarendon Junior College Del Mar College Frank Phillips College Hardin Junior College Hardin Junior College Howard County Jr. College Howard County Jr. College Laredo Junior College Paris Junior College	Ranger Junior College. St. Philip's College.

300					HE	JON	OF	. GOL	LLGL	10	UKIII		Janon		1930
	Equiv- oleni Full- Time	50	12	33	888	35 35		14	217	29	90 8		26 28 116		25
Faculty 1955-56	Part. Time	47	40	10	49	222		14 13	000	17	14 7 18		27		40
**	Full.	29	125	13	828	33 35		14	19	27	25 2		26 21 87		24
	Adults	740	28 28 137	135	741	75			11	22	6 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		255 18 2477		
3-56	Specials	256	27 134	134	47	349		32	23	55.4	8 10 18		23 12 760		18
Students, 1955-56	Soph.	407	Classes 76 265	184	153	248 112 193		35 24 83	110	30	165 59 51		121 109 121 518		154
Stud	Fresh.	813	287	278	300	203 445 445		75 46 174	191	101	295 97 131		290 180 205 975		194
	Total	2216 6085	418	462	1241 2674	322 322 816		110 72 289	324	93	468 166 200		689 338 338 4730		348
рөря	Years Incl.	200	200	1010	10101	200		222	400	1014	222		2222		20
	ized as a Jr. Coll.	1928	1957	1926	1926	1925 1921 1946		1947 1951 1897	1918	1936			1938 1913 1922 1922		1931 1936
	Control or	County Un. Dist.	County Jt. County State	District Local	Un. Dist. District	County County County		Nonprofit Lutheran Baptist	Baptist Nonprofit Methodist	Catholic Presby.	Y.M.C.A. A. of God S.D. Adv.		State State State State		Methodist Methodist
	PAYT	00	00	000	00	000		000			1313		0000		BB
	Accred- itation	SS	DA S	A S	SYS	DAS DAS DS			U	2			8888		EY
dy	Membersi					ZZZ		MMM			MMM		MMMM		MM
	Administrative Head	R. M. Cavness, Pres.	Thomas M. Spencer, Pres. Sterling H. Fly, Pres. F. I. Howell, Pres.	Newman Smith, Pres. Henry W Stilwell. Pres.	C. J. Garland, Pres. H. E. Jenkins, Pres.	J. D. Moore, Pres. Vernon D. Parrott, Pres. J. M. Hodges, Pres.		N. D. Allen, Jr., Pres. George J. Beto, Pres. Otis Strickland, Pres.	Douglas L. Laird, Pres. R. G. Le Tourneau, Pres.	Mother Eleanor, Pres. Andrew Edington, Pres.	W. I. Dykes, Pres. Rev. M. E. Collins, Pres. C. N. Rees, Pres.		Aaron E. Jones, Pres. Arthur F. Bruhn, Pres. J. Elliot Cameron, Dir. William P. Miller, Pres.		Corbin C. Lyman, Int. Pres. Ralph E. Noble, Pres.
	Location	San Angelo San Antonio	e Uvalde	Temple	Brownsville Tyler	Victoria Weatherford		Bryan Austin Decatur	Jacksonville Longview	Fort Worth Kerrville	Houston oll. Waxahachie Kenne		Price St. George Ephraim Ogden		Poultney Montpelier
	Institution	San Angelo College San Antonio College	South Plains College Southwest Texas Junior College Tarleton State College	Temple Junior College Texarkana College	Texas Southmost College Tyler Junior College	Victoria College Weatherford College Wharton County Junior College	Privately controlled	Allen Academy Jr. Coll. Div Concordia College Decatur Baptist College.	Jacksonville College Le Tourneau Tech. Institute	Our Lady of Victory College.	South Texas Junior College Southwestern Bible Inst. Jr. Coll. Southwestern Junior College	UTAH Publicly controlled	Carbon College Dixie Junior College Snow College Weber College	VERMONT	Privately controlled Green Mountain College Vermont Junior College

0	0	١	

UN	IOR CO	LLEGE DIRECTORY			30
	70	21 22 22 22 23 34 14 34 7	25 25 25 25 25 25 25 25 25 25 25 25 25 2	39	22
	23	020212182121842	65 39 39 38 38 38 34 44 44 44 44 44 44 44 44 44 44 44 44	-	4
	63	117 118 118 119 119 119 119 119 119 119 119	3228442282323	39	21 14
	2172	14	810 2474 1477 3302 1500 693 903 1570	i	1 1
	167 1	8 8 6 4 8 8 8 8 8 8	22 22 22 24 4 4 2 1 2 4 4 2 1 2 4 4 2 1 2 4 4 4 4	2	12
	272 288 1	83 88 35 35 39 39 66 66 55 255 255 132	144 403 366 366 1153 227 27 107	210	292
	453	169 191 140 140 120 69 118 76 210 210 135	287 639 352 900 312 284 609 238 542	324	612
	1955	2337 282 282 96 213 116 116 184 214 2425 232	2230 2330 2230 2230 2330 53	578	916
	22	00040040000	8888888888 8 1814119818	2	214
	1935	1914 1922 1936 1913 1924 1927 1917 1917 1888	1925 1933 1955 1941 1934 1939 1928 1928	1901	1933
	State	Baptist Baptist Methodist Lutheran Catholic Ev. U. B. Propriet. Nonprofit Nonprofit Baptist	District District Local Local District District District District District Catholic	State	Nonprofit Nonprofit
	00	BUUBBUBBBU	∪∪∪∪∪∪∪∪∪ <b>∪</b> ≽	O	OB
	SOS	DAS DAS DAY DA DA DA DA DA DA DA DA DA DA DA DA DA	D A W D A W D D W D D W D D W D D W D D W	DAN	DA
	W W		MMMMMMMM	M	MM
	Lyman B. Brooks, Dir. Lewis W. Webb, Jr., Provost	Curtis Bishop, Pres. Chas. L. Harman, Pres. C. Ralph Arthur, Pres. John H. Fray, Pres. Rev. Mother Berchmans, Pres. Forrest S. Racey, Pres. Margaret D. Robey, Pres. John Childs Simpson, Pres. William T. Martin, Pres. Floyd Turner, Pres.	Frederick C. Kintzer, Dean P. F. Gaiser, Pres. Jack E. Cooney, Dir. Frederic T. Giles, Pres. Edward P. Smith, Pres. Sigurd I. Rislov, Dean L. J. Elias, Dean George Hodson, Pres. James M. Starr, Pres. James M. Atarr, Pres. Harold A. Hoeglund, Dean Mother M. Edwardine, Pres.	E. E. Church, Pres.	D. K. Shroyer, Ex. V. Pres. John F. Montgomery, Pres.
VIRGINIA Publish controlled	Norfolk Div. Va. St. Coll. (N)Norfolk William and Mary, Norfolk DivNorfolk DivNorfolk Princely controlly	Averett College Bluefield College Bluefield College Bluefield College Bluefield Burefield College Bluefield Marion College Marion Marymount Junior College Marion Shenandoah College Dayton Southern Sem and Jr. College Buena Vista Stratford College Buena Vista Stratford College Bristol Virginia Intermont College Bristol Virginia Theol. Sem. and Coll. Lynchburg	WASHINGTON  Publicly controlled Centralia Junior College Cark Callege Cark Callege Carys Harbor College Cays Harbor College Cays Harbor College Cays Harbor College Skagit Valley Junior College Bremerton Wenatchee Valley Junior College Xakima Valley Junior College Yakima Paley Junior College Tacoma Catholic Junior College Tacoma Catholic Junior College Tacoma	Publicly controlled Potomac St. Coll. of W. Va. UKeyser	Privately controlled Beckley College. Greenbrier College. Lewisburg

02		THE JUNIOR COLLEGE JOURNAL FOR JANUARY	1958
	Equivalent Full-	40400000044004448400404 911-00021-01	218
Faculty 1956-57	Part-	1112387887111111111111111111111111111111	4
19	Full.	40400000044004448000404 8401000000000000	19
	Adults		11
-57	Specials	7 7 7	17
Students, 1956-57	Soph.	28 28 28 28 28 28 28 28 28 28 28 28 28 2	37
Studen	Fresh.	244 8 8 4 5 7 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	67 54
	Total	23 25 25 25 25 25 25 25 25 25 25 25 25 25	121
	Years Incl.		20
	ined ined Coll.	1936 1935 1935 1937 1938 1937 1937 1938 1938 1938 1938 1938 1938	1881 1856
	Control or Affliation	County County County County County County Jr. County Count	Lutheran Catholic
	Type		MM
	Accred- itation	4	YX.
diń	Метьбега		D
	Administration Hoad	A. J. McDernott, Pres. Krederick H. Hake, Pres. Milton D. Berlin, Pres. E. G. Wippermann, Pres. Phyllis Ritter, Pres. Robert J. Gaulke, Pres. John W. Zweitel, Pres. L. H. Sheffield, Pres. S. M. Galhoun, Pres. G. T. Longbotham, Pres. T. K. Hocking, Pres. T. K. Hocking, Pres. W. F. Rasche, Dir. S. W. Ilhenfeld, Pres. M. H. Thies, Pres. Bert P. Vogel, Pres. H. H. Thies, Pres. Bert L. Greenfeld, Pres. Warren L. Greenfeld, Pres. Victor V. Goss, Pres. Warren Lensmire, Pres. Warren Lensmire, Pres. Warren Lensmire, Pres. Joseph J. Gerend Dir. Myron J. Lowe, Dir. Joseph J. Gerend Dir. Myron J. Lowe, Dir. Joseph J. Gerend Dir. Myron J. Lowe, Dir.	Walter W. Stuenkel, Pres. Rev. Louis E. Riedel, Rector
	Location	Ashland Rice Lake Alma Columa Columbus Mayville I. Algema Monroe New Lisbon Antigo Ant	Milwaukee Milwaukee
	Institution	Publicly contolled Ashland County Teachers Coll. Barron County Teachers Coll. Barron County Teachers Coll. Columbia County Teachers Coll. Dodge County Teachers Coll. Door-Kewaunee Cty. Teach. Coll. Juneau County Teachers Coll. Langdale County Teachers Coll. Langdale County Teachers Coll. Marinette County Teachers Coll. Marinette County Teachers Coll. Marinette County Teachers Coll. Marinette County Teachers Coll. Milwauke Institute of Tech. Outagamic Cty. Teachers Coll. Richland County Teachers Coll. Sauk County Teachers Coll. Sauk County Teachers Coll. Sheboggan Cty. Teachers Coll. Sheboggan Cty. Teachers Coll. Wernon County Teachers Coll.	Privately controlled Concordia College St. Francis Minor Seminary

303				
	-	0	M	٠
	- 34	×	23	٩

JUN	IOR COLLE	GE DIRECT	OR	Y						303
44	45 7 21 15	31 2 13	18	33	8 14 16	12	31	15	19	17
20	22221	33 14 18	1	84	; en ∞	88	12	-	- 60	20
en :	20 16 15	œ [61	18	31	8 13 12	S	25	12	19	15
: :	1625 44 462 105	642 315 250	30		125	457	296	1	17	
13	103 8 15 3	1097	*******	904	221	8	200		118	
15	152 141 141	15	4	88	2224	72	70	62	75	8
32	327 32 165 134	33	13	48	1388	8	172	75	88	129
42	2207 106 706 383	1834 315 534	47	81	112 333 269	169	738	137	291 66	219
60 63	2000	2000	7	22	202	23	8	23	22	63
1865	1945 1948 1948 1946	1954 1956 1954	1944	1905 1835	1918 1926 1931	1933	1942	1925	1955 1950	1949
Catholic Catholic	District District District District	Jt. Dist. Jt. Dist. Jt. Dist.	Presby.	Province Province	Catholic Lutheran U.C. Can.	Federal	Propriet.	Nonprofit	Mormon Con. Chr.	Nonprofit 1949
MM	0000	000	C	00	000	O	C	M	OO	O
A <sup>2</sup> X D <sup>2</sup> X	D <sub>2</sub> A AAN ANNA	D'A W A D'A W	D	D A	DA DA	M	1	1	DA <sup>1</sup> DA <sup>1</sup>	D
1 1	MMMM	MMM	M	1 1	MM	M	1	1	ы	А
Rev. Gratian Zach, Rector Rev. Richard Birdsall, Rector	M. F. Griffith, Dean Albert C. Conger, Dir. Richard E. White, Pres. J. E. Christensen, Dir.	LeRoy V. Good, Dir. Dorothy Novatney, Dir. Tom Ford, Dir.	Rev. R. R. Armstrong, Pres.	Kenneth Cox, Prin. Frank MacKinnon, Prin.	Rev. R. C. Johnston, Rector Rex. H. Schneider, Prin. John H. Gordon, Prin.	Roger C. Hackett, Dean	Henry L. Mathiot, Pres.	Homer W. Davis, Pres.	Reuben D. Law, Pres. K. C. Leebrick, Pres.	Ana G. Mendez, Pres.
ninary Mt. Calvary	olled Casper Com. College Torrington ing Com. Coll Sheridan aunity College Powell	anunity College	Sheldon Jackson Junior College. Sitka	olled ic, College Truro College Charlottetown	e Regina, Sask. Regina, Sask. Ilege Calgary,Alberta	olled or College Balboa Hgts.	olled UniversityVedado, La Habana	rolled Athens	rolled , of Hawaii Laie, Oahu ge Paia, Maui	nolled ior CollegeRio Piedras
St. Lawrence Seminary Salvatorian Seminary	WYOMING Publicly controlled Casper College Goshen County Com. College Northern Wyoming Com. Coll. Northwest Community College	ALASKA Publicity controlled Anchorage Community College. Juneau Bouglas Com. Coll. Retchiska Community College. Printed.	Sheldon Jackson	CANADA  Publicly controlled  Nova Scotia Agric. College  Prince of Wales College	Frivately controlled Campion College Luther College Mount Royal College.	CANAL ZONE  Publicly controlled  Canal Zone Junior College.	CUBA Privately controlled Havana Business University.	GREECE Privately controlled Athens College	HAWAII  Privately controlled The Church Coll. of Hawaii. Maunaolu College.	PUERTO RICO Privately controlled Puerto Rico Junior College.

#### A choice of textbooks for business law ...

• for a full-year course

#### **Business Law**

5th Edition—By Anderson and Kumpf

• for a one-semester course

#### College Law

5th Edition-By A. Aldo Charles

These are new, teachable, and up-to-date textbooks that are used with satisfaction throughout the country. A workbook and tests are available with each book.

#### SOUTH-WESTERN PUBLISHING CO.

(Specialists in Business and Economic Education)

Cincinnati 27, New Rochelle, N.Y., Chicago 5, San Francisco 3, Dallas 2

Subscribe Now to

#### THE JUNIOR COLLEGE JOURNAL

Because:

—America today should be well informed about the fastest growing phase of education.
—It is the only national periodical devoted to the junior-college movement.

Subscription price, \$3.50 a year

1785 Massachusetts Ave., N.W.

Washington 6, D.C.

#### JUNIOR COLLEGE JOURNAL

JAMES W. REYNOLDS, Editor

MARION KENNEDY, Associate Editor

#### **EDITORIAL BOARD**

Representing the Regional Junior College Associations

FREDERICK C. FERRY, JR.
Pine Manor Junior College
Wellesley, Massachusetts

WARD H. AUSTIN Marion Junior College Kentfield, California

HORACE J. WUBBEN Mesa County Junior College Grand Junction, Colorado BONNIE E. CONE

Charlotte College Charlotte, North Carolina

Bryn Mawr, Pennsylvania IOHN S. GRIFFITH Multnomah College Portland, Oregon

PHILLIP KLEIN

Harcum Junior College

WILLIAM N. ATKINSON, Chairman Jackson Junior College Jackson, Michigan

REECE D. McLENDON Northwest Mississippi Junior College Senatobia, Mississippi

#### **BOOK REVIEW EDITORS**

JAMES BLASING Pueblo College Pueblo, Colorado EDMOND M. GAGEY Bradford Junior College Bradford, Massachusetts J. V. HOWELL Mars Hill College Mars Hill, North Carolina MARGUERITE JENKINS Meridian Junior College Meridian, Mississippi

WILLIAM KEPLEY Coordinator of Instructional Services for Junior Colleges Los Angeles Board of Education Los Angeles, California REBA K. NEEL Lee College Baytown, Texas IONE PETERSEN Pueblo College Pueblo, Colorado MEYER WEINBERG Wright Junior College Chicago, Illinois

VERNON E. WOOD Mars Hill College Mars Hill, North Carolina JACK RODGERS Odessa College Odessa, Texas THOMAS Y. WHITLEY South Georgia College Douglas, Georgia SAM GOLTERMAN Concordia College Austin, Texas JACK C. TRELOAR Hinds Junior College Raymond, Mississippi

#### American Association of Junior Colleges

EDMUND J. GLEAZER, JR., President Graceland College Lamoni, Iowa PAUL F. GAISER, Vice-President Clark College Vancouver, Washington

JESSE P. BOGUE, Executive Secretary Washington, D. C.

R. I. Meland, Convention Secretary Austin Junior College Austin, Minnesota

#### BOARD OF DIRECTORS

IAMES M. EWING Delta State College Cleveland, Mississippi OSCAR H. EDINGER Mt. San Antonio College Pomona, California

DWIGHT BAIRD Trinidad State Junior College Trinidad, Colorado GEORGE O. KILDOW North Idaho Junior College Coeur d'Alene, Idaho BLAKE TEWKSBURY Keystone College LaPlume, Pennsylvania

RALPH M. LEE Mars Hill College Mars Hill, North Carolina RAYMOND C. WASS Lasell Junior College Auburndale, Massachusetts

#### RESEARCH AND SERVICE COMMITTEES

PAUL F. GAISER, Vice-President Coordinator of Research Clark College Vancouver, Washington

C. C. COLVERT, Assistant Coordinator of Research University of Texas Austin, Texas

#### COMMITTEE CHAIRMEN

WILLIAM N. ATKINSON, Editorial Board Jackson Junior College Jackson, Junior College
Jackson, Michigan
Peter J. Masiko, Jr., Administration
Chicago Gity Junior College, Wright Branch
Chicago, Illinois
Marvin Peterson, Curriculum
New Haven College

CHARLES L. HARMAN, Instruction Bluefield College Bluefield, Virginia THOMAS M. SPENCER, Legislation Blinn College Brenham, Texas BILL J. PRIEST, Student Personnel American River Junior College New Haven, Connecticut

Del Paso Heights, California

HENRY W. LITTLEFIELD, Subcommittee on Nursing Education

Junior College of Connecticut Bridgeport, Connecticut

#### **NEW Publications from Prentice-Hall...**



#### TODAY'S ISMS, 2nd Edition

by WILLIAM EBENSTEIN, Princeton University

Today's ISMS analyzes the four major systems struccling for supremacy in the modern world: communism and facism on the totalitarian side, and capitalism and socialism on the democratic side. The main emphasis is on the challenge of communism to the free world. The key approach in the text is through the way of life concept rather than through one particular aspect, such as government or economics.

Totalitarianism and democracy are more than specific social, political,

Totalitarianism and democracy are more than specific social, political, and economic systems: they are two diametrically opposed ways of life, with divergent beliefs and values, based on distinct and opposite competitions of the nature of man. The psychological roots of totalitarianism and democracy are therefore given very close attention.

Approx. 240 pages \* 5%" x 8%" \* Pub. Jan. 1958 \* Text price \$2.25



#### SUCCESSFUL ADJUSTMENT IN COLLEGE, 2nd Edition

by JOHN ROSCOE CHANDLER, Oklahoma East Central State College, VERNON L. ARMSTRONG, University of Denver, GEORGE C. BEAMER and CHARLES C. WILLIAMS, both of North Texas State College

This new text provides practical help in making transition from school to college. Common problems of students are identified and solutions proposed, from an adjustment viewpoint. For use as a basic text in courses of Freshman Orientation, Personal and Social Development, Guidance and Counseling for College students. It is more student centered than the first edition.

256 pp. \* 7%" x 10%" \* Pub. Feb. 1958 \* Text price \$3.25



#### ESSENTIAL MATHEMATICS FOR COLLEGE STUDENTS

by FRANCIS J. MUELLER, Maryland State Teachers College

This new text contains a thorough and meaningful review of basic arithmetic processes. Highly conducive to self-instruction or independent work, the text requires no prerequisites. It is so organized that when the student has completed and detached all exercise pages, he still has the complete text available for future reference. A complete index of all rules is provided in the front of the book to facilitate this reference use. Heavy emphasis is placed on word problems—frequently encountered in other college courses. The exercises follow important topics and include 2100 problems.

Approx. 288 pp. \* Paper Bound 8½" x 11" \* Pub. 1957 \* Text price \$3.95

To receive approval copies promptly, write: Box 903



PRENTICE-HALL, Inc.

Englewood Cliffs, New Jersey